

**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Date

Year Month Day Inspector
2003 11 14 rb

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain

X

Temperature

10-32 32-55 55-70 70-85 85+

X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/Diagonal Sed Rem Project

PRIME CONTRACTOR: MILLER CONTRACTING

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Miller Contracting on site today for start dredging. Crew mobed on site on 11-13-03 starting in the afternoon Crew started dredging at 2AM this morning. Crew completed filling Swan Island this morning at 0730 and barge left for terminal 25 at 0745. Started dredging and loading the Sand Island at 0750. See Attached reports from Miller for additional information</p> <p>Dredge-Crystal Gayle Tug- Norton Bay Tug-Loren M Barges, Sand Island/ Swan Island Survey Boat</p> <p>1 Supervisor 3- Dredge crew 2- Tug crew 2- Survey</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

UROLeru

11/19/03

Ukwenga Oleru Project Representative (Date)

[Signature]

Randall Brunke, Construction Inspector (Date)



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Date		M.L King Jr. Holiday		Inspector	
Year	Month	Day		rb/KN	
2004	1	19			
Day of the Week					
Sat	Sun	Mon	Tue	Wed	Fri
		X			
Weather					
Clear	PC	Overcast	Fog	Rain	
	X				
Temperature					
10-32	32-55	55-70	70-85	85+	
	X				

Construction Activities:	Day Shift: 5:00AM to 1:00PM
:52 :33 5:42 :40 <hr/> 8:17	<p>Dredging resumed this morning at 5:19AM. Contractor continued filling the "Sand Island" (started Sunday evening). Work proceeded N. to S. in Area A to complete excavation profiles to meet the Contract. Contractor started at app. Dredge Plan sta. 4+22 (55) and removed "high spots" at app. stas. 4+64, 4+92, 5+20, 5+53.</p> <p>Dredging stopped at 9:22AM to reposition the "Sand Island", and for "Crystal Gayle" maintenance.</p> <p>Dredging resumed in about the same area at 10:14AM working upstream towards area B.</p> <p>Dredging stopped at 12:30PM for shift change.</p> <p>Night Shift: 1:00PM to 9:00PM</p> <p>Dredging resumed at 1:03PM. Work is proceeding S. towards Area A in the outside lane.</p> <p>Dredging <u>stopped</u> at 1:18PM. Contractor made a failed attempt to relocate the "Crystal Gayle" to location just off the 144" City SD in Area A (see Problems Encountered- below for further details).</p> <p>Contractor <u>resumed</u> dredging on the outside lane between Dredge Plan sta. 6+60 and 7+80, after app. 7:00PM. Dredging continued until 9:20PM, when the crew stopped to do equipment greasing. Dredging resumed at 10:00PM, and continued with only occasional stops until after 00:30AM, when the "Norton Bay" returned with the "Swan Island". Dredging continued. By 2:45PM the Flood Tide was high enough, and the Contractor moved back into the area adjacent to the 144" SD in Area A and resumed dredging until 3:15AM, when the bucket was finally set down.</p>
	<p>Dredge- "Crystal Gayle"</p> <p>Tug- "Norton Bay"</p> <p>Tug- "Loren M"</p> <p>Barges "Sand Island"/ "Swan Island"</p> <p>Survey Boat</p> <p>Crew Skiff</p>

UROWeru 1/21/04
Ukwenga Oleru Project Representative (Date)

[Signature]
Randall Brunke, Construction Inspector (Date)
[Signature] 1/21/04



KING COUNTY
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WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Miscellaneous:	Miller surveyors on site this morning to continue mapping out dredge Area A. "Crystal Gayle" pulled off the site from app. 1:30PM until app.5:30PM(see Problems Encountered- below for further details). Miller Surveyors took advantage of the cleared site to run complete lines, and re-survey Area A.	
Safety/Accidents:	No incidents/accidents were reported to KC by the Contractor.	
Problems Encountered & Resolutions:	Contractor began relocating the "Crystal Gayle" to an area (shown cross-hatched in the Dredge Plan, sheet C-2) just off the 144" City SD in Area A after 1:30PM. The Contractor had app. 600 cu. yds. of material remaining to remove, and wanted to take advantage of the high tide to move close to shore. During the move the Contractor lost pendant lines on both of their downstream work anchors. In such event, the "Crystal Gayle" (not the Tug "Loren M") has to retrieve the anchors. While the Dredge was off site, Miller used the event to re-survey Area A. By the time the anchors were repaired, and the Dredge returned, the tide had already gone well into ebb (low tide of -2.5 was anticipated by app. 7:20PM). Dredge resumed work after 7:00PM, with new survey data and instructions from Miller.	
Test Conducted:	KC lab on site this morning at 10:51AM to take water turbidity samples. KCEL decided not to conduct the afternoon Ebb Tide test because of the late hour when dredging finally resumed.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:	Tom Johnson requested time extension from KC for this Night Shift to finish dredging along the outside lane of A, and hit the two high spots in Area B. The Contractor needed to have the "Crystal Gayle" ready at 5:00AM for the next high tide to finish at the position just off the 144" City SD in Area A (they missed their high tide window to move in to excavate earlier this shift. See Problems Encountered- above for further details). KC granted the time extension only because it was the final night dredge).	
Visitors to Site		
Equipment Used		



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	20	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
			X			
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
	X					
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>1:23 1:35</p> <p>Day Shift: 5:00AM to 1:00PM On site this morning at 5AM. Crew resetting anchors and performing maintenance. Dredging started at app. 5:50AM just W. of the 12' SD outfall at Dredge Plan (see sheet C-2) app. sta. 5+30 for the "Swan Island". The dredging into "Swan Island" was started on last Night Shift. Crew stopped dredging at 10:35AM to reposition barge and perform maintenance. Resumed dredging at 11:58AM at sta. 3+62 next to shore. Dredging stopped at 12:25PM. "Crystal Gayle" Operator came to shore to meet with Miller to go over the latest Miller survey.</p> <p>Night Shift: 1:00PM to 9:00PM Dredging continued into the "Swan Island" on the inside lanes between Dredge Plan sta. 3+00 and 4+00. At app. 5:15PM, "Crystal Gayle" moved back to the outside (channel) lane to remove "high spots" between Dredge Plan sta. 6+60 and 8+00 (area worked last night). At app. 6:35PM, Contractor began moving upstream to Area B to complete removal of "high spots" found by owner's surveyors. The Contractor worked at positioning the barge for the move until 8:20PM, when the Dredge began moving up to Area B to move outside of the dredge area into the channel and drop the spud on the "Crystal Gayle" and finish the dredging. Dredging stopped at 9:08PM. The Contractor used the balance of their night work to rearrange the load on the "Swan Island", and haul the barge down to Terminal 25.</p> <table><tr><td>Dredge - "Crystal Gayle"</td><td>1- Supervisor</td></tr><tr><td>Tug - "Norton Bay"</td><td>3- Dredge Crew</td></tr><tr><td>Tug - "Loren M"</td><td>2- Tug crew</td></tr><tr><td>Barges "Sand Island"/ "Swan Island"</td><td>2- Survey Crew</td></tr><tr><td>Survey Boat</td><td></td></tr><tr><td>Crew Skiff</td><td></td></tr></table>	Dredge - "Crystal Gayle"	1- Supervisor	Tug - "Norton Bay"	3- Dredge Crew	Tug - "Loren M"	2- Tug crew	Barges "Sand Island"/ "Swan Island"	2- Survey Crew	Survey Boat		Crew Skiff	
Dredge - "Crystal Gayle"	1- Supervisor												
Tug - "Norton Bay"	3- Dredge Crew												
Tug - "Loren M"	2- Tug crew												
Barges "Sand Island"/ "Swan Island"	2- Survey Crew												
Survey Boat													
Crew Skiff													
Miscellaneous:	"Sand Island" is being emptied, and ready for Vacuum Truck cleanup at Terminal 25 (per Cato, Wilder).												
Safety/Accidents:	No incidents/accidents were reported to KC by the Contractor.												

UROLern 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)



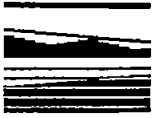
**KING COUNTY
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WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Problems Encountered & Resolutions:	Contractor (T. Johnson) at 7:00PM that KC wanted the dredging to "stop" at 9:00PM as agreed as part of this two shift arrangement with the Contractor (per Ukwenga Oleru). At 8:20PM the dredge began the move to Area B, and drop the spuds in what Mr. Johnson claimed was open channel "outside the boundaries of the dredge area, and where he said Miller had permission to use spuds for dredging by the Port.	
Test Conducted:	KC lab on site this morning to take turbidity water samples (sample taken). KCEL on site this afternoon to take samples. KCEL cancelled testing, as the test results from the sporadic dredging would not be valid.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:	Notified Contractor (T. Johnson) at 7:00PM that KC wanted the dredging to "stop" at 9:00PM as agreed as part of this two shift arrangement with the Contractor. Contractor continued dredging until work was complete at 9:08PM.	
Visitors to Site	Cato, Wilder; Rob Matheison (left site @5:00PM), Tom Johnson, JJM; Colin Wagoner, NOAA Consult.	
Equipment Used		



KING COUNTY
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WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting (JJM)

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	23	KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
						X
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	Miller surveyors (on site at 0800hrs). JJM began the capping phase of this Contract at the site. JJM received approval to begin that phase of the contract in the form of phone calls from Ukwenga Oleru and Randy Daggett, JJM to Cameron McIntosh and this observer at relatively the same time, 1200hrs. The "ME209/ME216" working platform for the capping operation, is beginning base capping work in Area B. The platform has set out working anchors, and spuds are retracted. At app. 1400hrs, this observer rode out to the platform to verify displacement of "ME311" barge with "sand" capping material (signed Miller's form for that barge). The first drop of material was at the S. (upstream end) of Area B at 1450hrs., and first stop at 1520hrs. (about the same time KCEL got on site). Sand capping resumed after 1547hrs., and stopped again at 1610hrs. JJM is trying to work out problems with their WINOPS. Base capping continued with only occasional stops until 2000hrs.
Miscellaneous:	"Swan Island" is still waiting to be offloaded at Terminal 25.
Safety/Accidents:	No incidents/accidents were reported to KC by the Contractor.
Problems Encountered & Resolutions:	Cameron McIntosh, and Miller Surveyors were on site, and had several questions (regarding grades, materials combinations) needing clarification. The Contractor received verbal clarification during a conference call with Ukwenga Oleru, KC/CM, and Bruce McDonald (Anchor Eng.) to this Site Office at app. 1230hrs. The Contractor has agreed to follow up with written Request for Clarification to the owner ASAP.
Test Conducted:	KCEL on site at 1520hrs. to take first of the tests for turbidity levels during the capping operation. KCEL(Bob Kruger) called off the sampling because the Contractor's long work stop after app. 30min. of sand spreading, invalidated any possible test within the sampling window for this Flood Tide.
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	

Ukwenga Oleru 1/26/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund 1/26/04
Keith Nordlund, Construction Inspector (Date)

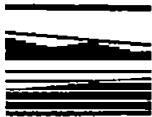


**KING COUNTY
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**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Visitors to Site	RobMatheison, JJM	
Equipment Used	JJM Survey Boat "Doppler"	2 crew persons
	Tender Tug "Mary Margaret"	1 supervisor
	Anchor Tender "Miller 102"	
	Sand Barge "ME311"	
	Capping Barge/ Hitachi 1800 Excav., "ME209"	3 crew persons
	Capping Barge/Crane/Loader, "ME216"	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 1 24 IK/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain

X

Temperature

10-32 32-55 55-70 70-85 85+

X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting (JJM)

TIME WORK STARTED:

TIME WORK STOPPED:

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM</p> <p>Miller surveyors already on site. JJM continued the capping phase of this Contract at the site in Area B, working overnight on barge "ME312". The "ME209/ME216" working platform for the capping operation, is continuing base capping work in Area B. JJM continued capping through last night, and started up with new shift crew this morning at app. 0600hrs. Capping work continued with occasional short stops until app. 0825hrs., and then Contractor relocated further downstream. At app. 0900hrs, JJM emptied barge "ME312". JJM is still having problems with their WINOPS. JJM started working on new barge "ME308" (after 1130hrs) with base capping "sand blend". KC did not verify displacement of that barge prior to use of new materials. No new capping work occurred during the rest of the shift. Working platform relocated further downstream in Area B.</p> <p>Night Shift: 1:30PM to 9:30PM</p> <p>JJM resumed base capping drops in Area B at 1358hrs. The Contractor is still working on barge "ME308". Capping stopped, and work platform relocated (required anchor moves) at 1447hrs. JJM did not resume capping work until app. 1858hrs. At app. 2030hrs. the next JJM survey shift crew left for the platform. JJM's second shift capping crew does not start until 2200hrs. The Contractor continued base capping with only occasional short stops until 2130hrs.</p>
Miscellaneous:	The hopper barge "Swan Island" has been offloaded and cleaned up at Terminal 25, but has not yet departed.
Safety/Accidents:	No incidents/accidents were reported to KC by the Contractor.
Problems Encountered & Resolutions:	JJM is still trying to work out sporadic problems with their WINOPS.
Test Conducted:	KCEL (Bob) on site at app. 1500hrs. to take Flood Tide tests for turbidity levels during the capping operation.
Work Rejected:	
Instructions Given to Contractor & Changes	

Ukwenga Oleru 1/26/04

Ukwenga Oleru Project Representative (Date)

Keith Nordlund 1/26/04

Keith Nordlund, Construction Inspector (Date)

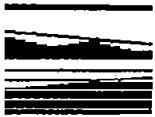


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Initiated:		
Visitors to Site	RobMatheison, JJM; Ukwenga Oleru, KC/CM	
Equipment Used	JJM Survey Boat "Doppler"	2 crew persons
	Tender Tug "Mary Margaret"	1 supervisor
	Anchor Tender "Miller 102"	
	Materials Barges, "ME312", "ME308"	
	Capping Barge/ Hitachi 1800 Excav. "ME209"	3 crew persons
	Capping Barge/Crane/Loader "ME216"	



KING COUNTY
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WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting (JJM)

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	25	IK/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
	X					
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM</p> <p>JJM continued the capping phase of this Contract at the site in Area B, working overnight on barges "ME308" and "ME310". The "ME209/ME216" working platform for the capping operation, is continuing base capping work in Area B and the east end of Area A (former buffer zone). JJM continued capping through last night, and started up with new shift crew this morning at app. 0600hrs. Capping work continued with occasional short stops and barge relocations until app. 0855hrs., when Contractor changed shift crew. At app. 1015hrs, completed emptying hopper barge "ME310". By app. 1140hrs. that barge had departed. A new flat barge "Hoquiam", arrived at the working platform and was readied by 1230hrs. JJM started working on new barge "Hoquiam" (after 1255hrs) with base capping "sand blend". KC did not verify displacement of that barge prior to use of new materials.</p> <p>Night Shift: 1:30PM to 9:30PM</p> <p>JJM continued base capping drops at E. end Area A. The Contractor is working on barge "Hoquiam". Capping stopped, and work platform relocated upstream to Area B at 1410hrs. Capping resumed at app. 1415hrs. and continued until 1430hrs. stop for lubing maintenance. At app. 1449hrs. base capping resumed. The Contractor continued base capping until app. 5:00PM, when the platform relocated. JJM used the relocation/reorientation to begin a series of other events. JJM reworked the anchors, re-surveyed Area B, and rearranged sand piles on the "Hoquiam". Capping did not resume before the end of this shift (2130hrs).</p>
Miscellaneous:	<p>Miller surveyors on site at 0835hrs. They have been working the site in conjunction with the base capping operation to verify placement meets the Contract's proposed grade for that material, as well as providing a cross-check to confirm that WINOPS is giving correct data. JJM second shift survey crew arrived at 2100hrs.</p> <p>Cameron McIntosh left for Tacoma, Wa. at app. 1520hrs</p>
Safety/Accidents:	<p>No incidents/accidents were reported to KC by the Contractor.</p>
Problems Encountered & Resolutions:	<p>JJM's Hitachi excavator would not reach sand piled on the West (starboard) side of the barge "Hoquiam". It required periodic reworking of the sand stockpiles to prevent the barge from listing.</p>
Test Conducted:	<p>KCEL (Bob) on site at app. 1550hrs. to take Flood Tide turbidity tests during the capping</p>

Ukwenga Oleru 1/26/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund 1/26/04
Keith Nordlund, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

	operation.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site		
Equipment Used	JJM Survey Boat "Doppler" Tender Tug "Mary Margaret" Anchor Tender "Miller 102" Materials Barges, "ME310", "Hoquiam" Capping Barge/ Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216"	2 crew persons 2 crew persons 1 supervisor 3 crew persons



KING COUNTY
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WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	28	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM</p> <p>On site this morning at app. 6AM. Crew is placing capping material (base sand). New barge arrived on site early morning. Crew placing base cap in the upstream end of Area of A.</p> <p>Night Shift: 1:30PM to 9:30PM</p> <p>JJM continued base material capping at the S. end of Area A. JJM is still working on the flatbed barge "Western Venture". JJM stopped at app. 1400hrs and attempted to relocate upstream in Area B (Note: JJM has had previous problems with shorter cables than they require to make some moves on the anchor winches). JJM resumed base capping after relocating back to the E. end of Area A interface with Area B at app. 1645hrs. JJM moved downstream in Area A. JJM continued with the base capping, taking only occasional short stops (for lubing, rearranging sand on the barge, relocations, etc.) until the end of this shift.</p>
Miscellaneous:	Miller survey crew on site to monitor capping activities. JJM took delivery of a new cable spool during the shift.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC.

Problems Encountered & Resolutions:	<p>Tom Johnson (Miller) informed R. Brunke today (1200hrs) that they had overfilled base cap material along app. 60' of the outside (channel side) berm of Area B. Also in the slopes in area B the base cap material is not holding on the slope and is piling up at bottom of slope in a natural repose close to 3H/1V not 2H/1V.</p> <p>They have talked to Bruce McDonald(Anchor Environmental) about these two issues.</p> <p>According to Tom Johnson, Bruce directed them to build up the slope toe to allow the slope to</p>
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UJO 2/6/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund 2/5/04
Randall Brunke,
Keith Nordlund, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

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CONTRACT NUMBER: #C33027C

	take the material and hold on the slope. The overfilled area will need to be removed down to design elevation. Contacted Ukwenga Oleru and informed him of the situation. Met later at the site office (1230-1330hrs) with Ukwenga, Tom Johnson, Len Miller, K. Nordlund, and Miller surveyor to further discuss the issue	
Test Conducted:	KC lab on site this morning after 0800hrs to take Flood Tide water turbidity test. KC lab on site at 1130hrs. to take Ebb Tide water turbidity test.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Ukwenga Oleru, KC/CM; Colin Waggoner, NOAA Consult.; Marla Steinhoff, NOAA	
Equipment Used	JJM survey boat "Doppler"	2 person crew
	Tender Tug "Mary Margaret"	1 supervisor
	(2) Anchor Tending Platforms	
	Capping Barge/Hitachi 1800 Excav. "ME209"	
	Capping Barge/Crane/Loader "ME216"	3 crew person
	Flatbed Barge "Western Venture"	



KING COUNTY
DEPT. OF NATURAL RESOURCES
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Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>					
Year	Month	Day	Inspector		
2004	1	29	rb/KN		
<u>Day of the Week</u>					
Sat	Sun	Mon	Tue	Wed	Thu
					X
<u>Weather</u>					
Clear	PC	Overcast	Fog	Rain	
		X		X	
<u>Temperature</u>					
10-32	32-55	55-70	70-85	85+	
	X				

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM On site this morning at 6:00AM. JJM completed emptying the flatbed barge "Western Venture", and is now working from the flatbed barge "Hoquiam" ("Western Venture" departed around 8AM). Crew is placing capping material (base cap) in Area A at app. station 6+00. Miller changed shift crew at app. 10:00AM. No new capping work by the Contractor after app. 9:30AM. Crew pulled barge away from capping rig at Noon and relocated capping platform next to the Port of Seattle pier at job site to rework anchor lines and perform other equipment maintenance.</p> <p>Night Shift: 1:30PM to 9:30PM JJM work platform ME209/ME216 is still tied up to the dock mooring dolphins installing new anchor cables. JJM is currently taking base capping material from the flatbed barge "Hoquiam". JJM surveyors continued working Area A. JJM had not resumed base capping by the end of this shift</p>
Miscellaneous:	
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	KCEL on site at 0845hrs. to take Flood Tide turbidity tests. KCEL cancelled the afternoon test because the JJM work platform was still moored throughout the test window. Spoke with KCEL(Stephanie) about field test results from yesterday and today, and passed that information on to JJM (Tom Johnson). The Contractor is not doing anything different from any previous

UO

2/6/04

Ukwenga Oleru Project Representative (Date)

Keith Nordlund 1/30/04

Randall Brunke

Keith Nordlund, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

	capping shift work, but for whatever reason, the field turbidity results this morning were high. Note: There has been high rainfall totals throughout the area over the last 48hrs. Several rivers are on flood watch, and the urban SDs are dumping large volumes of runoff water into the Duwamish R. There have been problems with determining what the results of field turbidity tests actually indicate during previous heavy rainfall episodes.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Patty Miller, Kym Takasaki, USACE; Chuck Miller, Tom Johnson, JJM	
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tending Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/4000WCrane/Loader "ME216" Flatbed Barge "Hoquiam"	2 person crew 1 supervisor (L. Miller) 3 crew persons



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 1 30 rb

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
Xwindy

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting (JJM)

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM On site this morning at exactly 6:00AM. Crew is in process of placing base cap material in Area A. Crew stopped capping at app 6:45AM Talked to Len Miller at 10:25AM. He informed me that the reason JJM is not capping this morning is that they are saving the rest of the capping material on the "Hoquiam" for Area B rework. JJM will rework areas that surveys show is not holding capping material at design slopes (agreement worked out with B. McDonald and KC). They are waiting for the best tide situation (need low tide to work the slopes with their equipment). JJM Capping rig moved upstream to Area B. Anchors need to be repositioned to order to access area B</p> <p>Night Shift: 1:30PM to 9:30PM JJM work platform "ME209/ME216" was still tied up to the dock mooring dolphins. JJM worked on the upstream anchors until app. 5:30PM. At 8:05PM crew for the next shift began arriving at the site. JJM working platform did not perform any capping work before the end of this shift.</p>
Miscellaneous:	
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	KC lab on site this morning at app 8:00AM to take water turbidity test. However due to no capping activities no test was conducted.
Work Rejected:	
Instructions Given to Contractor & Changes	

Ukwenga Oleru

2/6/04

Ukwenga Oleru Project Representative (Date)

Randall Brunke

Keith Nordlund

Randall Brunke
Keith Nordlund, Construction Inspector (Date)



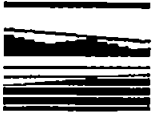
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

Initiated:		
Visitors to Site		
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Hoquiam"	2 person crew 1 supervisor 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting (JJM)

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	31	URO/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
X						
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM</p> <p>Arrived on site this morning at 7:00am. No capping activity was observed. Barge "Hoquiam" appears empty. KC was informed by JJM (Dean, surveyor) that the barge was emptied of base capping blend sand from app. 2:00am. until app. 5:00am.</p> <p>At app. 11:48pm., the "Hoquiam" departed the site. <u>Flatbed barge "ITB-270" arrived at 1:00 pm. with new base cap material, and was moored to the east side of the work platform.</u></p> <p>Night Shift: 1:30PM to 9:30PM</p> <p>JJM resumed base capping in Area A at app.1340hrs., between app. sta. 04+00 and 06+00. JJM stopped base capping at app.1430hrs. and resumed again at app.1543hrs. JJM continued capping with occasional short (10-15min. breaks) until a long capping stop at 1743hrs. JJM resumed again at app.1852hrs. JJM continued base capping in Area A, working N. toward app. sta. 02+00 until the end of this shift.</p>
Miscellaneous:	<p>At app. 8:00am., JJM Day Shift Surveyors (John, Mike) arrived to relieve JJM Night Shift Survey (Dean). Between 9:40am. & 10:00am., Night Shift Captain, Greg Anderson (306 772-2548 cell.) relieved the Day Shift crew Captain, Stu (253 606-9992 cell), and Chris and John. At 11:50pm., JJM Surveyors gave KC/CM a copy of latest survey data showing the locations of base capping bucket drops (WinOPS), and updated (1/29/04) Survey Charts. JJM Night Shift Survey crew arrived at 2000hrs. to relieve the JJM Day surveyors.</p>
Safety/Accidents:	<p>The Contractor did not report any accidents/incidents to KC this shift period.</p>
Problems Encountered & Resolutions:	<p>Note: Per JJM(Greg, Dean) barge "ITB-270" did not arrive as expected at 1:30am. this morning. Greg informed me that JJM did not remove the excess capping material in Area B during last night's Ebb tide because of continued anchor problems. JJM will try again at 7:00pm. during Ebb tide. The Contractor also informed KC (Oleru) that barge "ITB-270", bringing material from Canada, was stopped at US Customs. But that it had been released, and</p>

U Oleru 2/6/04
Ukwenga Oleru Project Representative (Date)

Ukwenga Oleru,
Keith Nordlund, Construction Inspector (Date)



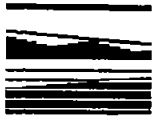
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

	that Miller had dispatched another Tug Boat to tow the barge to the site. The barge arrived at 1:00pm.	
Test Conducted:	KCEL did not take any turbidity tests this day.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site		
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barges "Hoquiam" , "ITB-270"	2 person crew 1 supervisor (Greg Anderson, nights: 1-306 772-2548 cell.; Stu, days: 1-253 606-9992 cell.) 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Date						
Year	Month	Day	Inspector			
2004	2	1	IK/KN			
Day of the Week						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
	X					
Weather						
Clear	PC	Overcast	Fog	Rain		
	X					
Temperature						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM (I. Khilfeh)</p> <p>Arrived at site app. 5:50am. Contractor is still emptying flatbed barge "ITB-270" in Area A. Contractor continued sporadic base capping work until app. 7:40am. JJM the began a slow process of moving the working platform "ME209/ME216" upstream to area B. The Contractor completed the move to Area B by 11:40am. The work platform was still on standby by the end of this shift.</p> <p>Night Shift: 1:30PM to 9:30PM (K. Nordlund)</p> <p>Contractor began moving platform downstream toward Area A app. 1555hrs. At 1700hrs. JJM moved downstream again to the Area A interface with Area B (former buffer zone). JJM resumed base capping with the balance of blend sand in the "ITB-270". JJM continued working slowly upstream base capping as the platform moved. JJM stopped capping at 1800hrs. JJM resumed base capping at 1855hrs. (See Problems Encountered below for further details), and continued with only occasional stops until barge was emptied.</p>
Miscellaneous:	A large part of the time required for the process of moving the barge required moving the (nearly empty) flatbed barge "ITB-270" from the E. (land) side of the working platform to the W. (channel) side of the platform with the "Mary Margaret".
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	At 1905hrs, received cellphone call from Len Miller informing me that an <u>hydraulic cylinder</u> had burned out on the Hitachi Excavator, that kept the jaws from completely closing. Len said that JJM would not be reworking spots in Area B (that JJM surveys show were high), but would spend the balance of Night Shift attempting as best they could to complete placing the rest of the blend sand in the barge.
Test Conducted:	KCEL did not take any turbidity tests this day.
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

UO

Ukwenga Oleru Project Representative (Date)

2/6/04

Keith Nordlund
Keith Nordlund,
Iha Khilfeh, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216"	2 person crew 1 supervisor
	Flatbed Barge "ITB-270"	3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 1 IK/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri

X

Weather

Clear PC Overcast Fog Rain

X

Temperature

10-32 32-55 55-70 70-85 85+

X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM (I. Khilfeh) Arrived at site app. 5:50am. Contractor is still emptying flatbed barge "ITB-270" in Area A. Contractor continued sporadic base capping work until app. 7:40am. JJM then began a slow process of moving the working platform "ME209/ME216" upstream to area B. The Contractor completed the move to Area B by 11:40am. The work platform was still on standby by the end of this shift.</p> <p>Night Shift: 1:30PM to 9:30PM (K. Nordlund) Contractor began moving platform downstream toward Area A app. 1555hrs. At 1700hrs. JJM moved downstream again to the Area A interface with Area B (former buffer zone). JJM resumed base capping with the balance of blend sand in the "ITB-270". JJM continued working slowly upstream base capping as the platform moved. JJM stopped capping at 1800hrs. JJM resumed base capping at 1855hrs. (See Problems Encountered below for further details), and continued with only occasional stops until barge was emptied.</p>
Miscellaneous:	A large part of the time required for the process of moving the barge required moving the (nearly empty) flatbed barge "ITB-270" from the E. (land) side of the working platform to the W. (channel) side of the platform with the "Mary Margaret".
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	At 1905hrs, received cellphone call from Len Miller informing me that an <u>hydraulic cylinder</u> had burned out on the Hitachi Excavator, that kept the jaws from completely closing. Len said that JJM would not be reworking spots in Area B (that JJM surveys show were high), but would spend the balance of Night Shift attempting as best they could to complete placing the rest of the blend sand in the barge.
Test Conducted:	KCEL did not take any turbidity tests this day.
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO

Ukwenga Oleru Project Representative (Date)

2/6/04

Keith Nordlund, 2/15/04
Keith Nordlund,
Iha Khilfeh, Construction Inspector (Date)

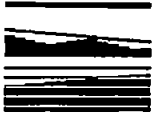


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:
CONTRACT NUMBER: C33027C

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "ITB-270"	2 person crew 1 supervisor
		3 crew person



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	2	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	ON site this morning at 6AM. Miller is not on site and no work activities noted
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO

2/6/04

Ukwenga Oleru Project Representative (Date)

Keith Nordlund,

Iha Khilfeh, Construction Inspector (Date)



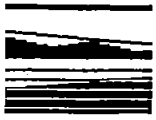
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "ITB-270"	2 person crew 1 supervisor 3 crew person
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KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	2	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	ON site this morning at 6AM. Miller is not on site and no work activities noted
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO

2/6/04

Ukwenga Oleru Project Representative (Date)

Keith Nordlund,

Iha Khilfeh, Construction Inspector (Date)



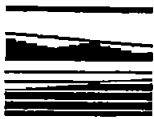
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "ITB-270"	2 person crew 1 supervisor
		3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	3	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
			X			
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM (R. Brunke) On site this morning at 6:00AM. JJM is in process of changing out the bucket on the Hitachi 1800 excavator. The hydraulic ram on the clamshell bucket is being rebuilt. Crew is installing a "rock skip" type bucket.</p> <p>New base capping material flatbed barge (Western Venture) was on site at 12:45PM, and is being moored to E. side of capping platform. Tug "Westrac" delivered the "Western Venture".</p> <p>Night Shift: 1:30PM to 9:30PM (K. Nordlund) JJM resumed base capping in Area A at app. 1409hrs., and stopped again at 1435hrs. JJM resumed capping at app. 1503hrs. and broke off capping at 1547hrs. JJM resumed capping at app. 1556hrs., and stopped at app. 1730hrs. to repair the Cat 966 Loader aboard the barge. JJM resumed base capping at 1800hrs. and continued with only occasional stops until the end of this shift.</p>
Miscellaneous:	JJM stopped base capping at 1730hrs. Len Miller informed KC (Nordlund) that it was to make weld repairs to a pin that was going bad on the Cat 966 Loader aboard the barge. The loader is needed to fill the skip bucket currently being used by JJM.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	<p>JJM had to change the bucket on the Hitachi 1800 Excavator. The hydraulic ram on the clamshell bucket is not working, and will require a rebuild. JJM is changing to a "rock skip" type bucket.</p> <p>Capping platform moved from Area B back to Area A during Day Shift. Miller did not want to cap in Area B with the new bucket. The new "rock skip" type bucket is unable to see depth without reconfiguring the DGPS/WinOps systems. KC (K. Nordlund) was informed by T. Johnson, JJM, at app. 1430hrs. that the clamshell bucket is expected back during Day Shift tomorrow, and at least part of that shift will be spent changing over the buckets on the Hitachi again.</p>
Test Conducted:	KCEL was onsite at app. 1547hrs. to take Ebb Tide turbidity tests
Work Rejected:	

UERO 2/6/04
Ukwenga Oleru Project Representative (Date)

[Signature]
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Tom Johnson, JJM; Ukwenga Oleru, KC/CM; Colin Waggoner, NOAA Consult.	
Equipment Used	JJM survey boat "Doppler"	2 person crew
	Tender Tug "Mary Margaret"	1 supervisor
	(2) Anchor Tender Floats	
	Capping Barge/Hitachi 1800 Excav. "ME209"	
	Capping Barge/Crane/Loader "ME216"	3 crew person
	Flatbed Barge "Western Venture"	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 4 rb/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
X X

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting (JJM)

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day Shift: 6:00AM to 2:00PM (R. Brunke) On site this morning at 6:00AM. JJM is in process of placing base cap material (Western Venture). Crew capping in the downstream (Area A). Crew stopped at 7:48AM. Crew resumed capping at app 9:15AM Crew stopped capping at app 9:45AM. Crew resumed capping at 11:13AM.</p> <p>Night Shift: 1:30PM to 9:30PM (K. Nordlund) JJM stopped base capping at 1346hrs, and resumed again at app. 1400hrs. JJM is still using the "rock skip" they were using yesterday. JJM is working upstream between app. sta. 01+00 and 03+00. JJM stopped capping at app. 1515hrs. Crew persons for the JJM Night Shift began arriving onsite at 1955hrs. JJM did not resume base capping before the end of this (KC) shift period.</p>
Miscellaneous:	Miller surveyors on site this morning at app 8:00AM. Note: Spoke to Len Miller (on the dock, 1430hrs.) regarding the rebuild work on the clamshell bucket. He said that the shop rebuild is done, and delivery is still due today. He is trying to get a crew mechanics to reassemble the bucket on the barge, and minimize the downtime on the capping.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	JJM stopped base capping at app. 12:00 noon to repair a deck winch. JJM resumed capping at 1:05PM. JJM stopped base capping at app. 1515hrs. to work on another problem with the loader. The crew then made a major platform shift, which was coupled with moving the cable anchors, and then decided to reinstall the clamshell bucket (per R. Matheison, JJM). Base capping work did not resume through the balance of this (KC) shift period.
Test Conducted:	KCEL on site this morning at 8:00AM. Lab did not take water turbidity tests due to no capping activity during the test window. KCEL did not take turbidity tests this afternoon because there was no capping work in progress during the afternoon testing window (loader repair; refer Problems Encountered section for other details).
Work Rejected:	

URO 2/6/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund 2/14/04
Keith Nordlund,
Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Rob Matheison, JJM	
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Western Venture"	2 person crew 1 supervisor (Len Miller) 3 crew person



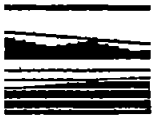


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:
CONTRACT NUMBER: C33027C

	Randy Daggitt) Miller plans on sending the next flatbed barge from Canada with 5000+ tons of Quarry spalls.	
Visitors to Site	Bruce McDonald, AE; Randy Daggitt, Wes Yewel, JJM; Ukwenga Oleru, KC/CM	
Equipment Used	JJM Survey boat "Doppler"	2 person crew
	Tender Tug "Mary Margaret"	1 supervisor (Len Miller)
	(2)Anchor Tender Floats	
	Capping Barge/Hitachi 1800 Excav. "ME209"	
	Capping Barge/Crane/Loader "ME216"	3 crew person
	Flatbed Barges "Western Venture", "Hoquiam"	
	Charter Tug "Westrac"	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting


TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	6	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
						X
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	Day Shift report 6:00AM to 2:00PM (Randy Brunke) On site this morning at 6:00AM. Crew is in process of placing base cap blend sand (barge Hoquiam) Crew stopped at approx. 8:30AM after re-positioning capping platform and am crew change (approximately 10:00AM). JJM resumed capping at 10:30AM. Night Shift 1:30PM to 9:30PM (Nordlund) JJM was placing base blend sand in Area A, between app. sta. 05+00 and 06+00, Rt. of Base Line (per JJM Grid Plan), at the beginning of this shift. JJM is removing (blend sand) base cap material from the flatbed barge "Hoquiam". JJM emptied the "Hoquiam" by app. 1510hrs. At app. 1730hrs the "Coldecker Straits" flatbed barge was tied up along the starboard (channel) side of the capping platform. This is JJM' first barge of quarry spalls. The work platform began moving S. toward Area B at app. 1800hrs. No new capping work occurred before the end of this shift.
Miscellaneous:	Len Miller, JJM, informed KC (Brunke) that last night JJM corrected the high and low spots of base sand in Area B (due to a past WinOPS malfunction) to meet the plans, and Engineer reviewed and approved revisions. JJM Surveyors completed a re-survey of Area B this afternoon, and the results were reviewed by B. McDonald, AE.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	Note, R. Brunke: As of this date, no further water turbidity testing is required per phone conversation with one Fritz G. (KCEL).
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	1700hrs. phone conversation from Ukwenga Oleru, with instructions for the Contractor regarding further work in Area B, as follows: JJM is approved to place quarry spalls between sta. 07+00 and 08+70; between sta. 11+10 and project S.endline (followup with B. McDonald, AE). The Contractor is directed to correct base cap low spots prior to placing quarry spalls as follows: sta. 08+80, between 95'-110'; sta. 09+20, between 100'-110'; sta. 09+40, between

URO 3/2/04
Ukwenga Oleru Project Representative (Date)


Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



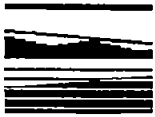
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

	85'-110'; sta. 09+80, between 95'-110'; sta. 10+20, between 95'-110'; sta. 11+00, between 95'-110' (All above sta. and offsets are per the JJM Site Grid Plan).	
Visitors to Site		
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barges "Hoquiam", "Coldecker Straits" SeaLink Charter Tug "Neva Straits"	2 person crew 1 supervisor 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 7 URO/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain

X

Temperature

10-32 32-55 55-70 70-85 85+

X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day Shift report 6:00AM to 2:00PM (U. Oleru) The Contractor was still placing quarry spalls in Area B from the "Coldecker Straits" at the start of this shift. At app. 0800hrs, Miller completed placing quarry spalls in previously approved areas (per B. McDonald, EofR) between sta. 07+00 and 08+70; between sta. 11+10 to sta. 13+80. Capping stopped. At 1215hrs, Quarry spalls barge was removed from site and moored across the river at Island Tug & Barge wharf to enable receipt of another base capping barge.</p> <p>Night Shift 1:30PM to 9:30PM (Nordlund) JJM was still awaiting the next barge of blend sand at the beginning of this shift. Contractor was getting ready to place additional base capping material in <u>low spots</u> indicated on their most recent survey data (re: F. Report 2/6/04 for other details). The additional work was directed by KC and the EofR. By 1415hrs., flatbed barge "ITB-270" was towed up river, and tied up along the starboard (channel) side of the working platform.</p> <p>JJM resumed base capping at app. 1430hrs. at app. sta. 11+00. Work proceeded downstream. Capping stopped at app. 1510hrs. to rework anchors. JJM resumed capping work at app. 1600hrs. Capping stopped again at app. 1700hrs. Contractor moved back to Area A, and resumed base capping at app. 1733hrs. JJM continued base capping, with only occasional stops, until the end of this shift period.</p>
Miscellaneous:	JJM Surveyors on site to monitor the capping work, and to confirm possible completion of additional work on Area B base capping.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	At KC's (Oleru) direction, Miller raised one spud that they had lowered, in the work area, to anchor their working platform. Per the Contract, spud anchoring is specifically prohibited <u>in the work area</u> during the capping work (re: Sect. 2221, 3.03B.). JJM has dropped spuds during the course of the job in the Duwamish R. channel, but this is the first time they have been observed doing it in the work site.
Test Conducted:	KCEL turbidity testing has been cancelled.
Work Rejected:	
Instructions Given to Contractor & Changes	1815hrs. conversation with R. Daggitt, JJM: JJM informed KC/CM (Nordlund) that Surveyors had completed resurvey of Area B. The Survey showed updated info. on the rework

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund 3/2/10/05
Keith Nordlund, Construction Inspector (Date)



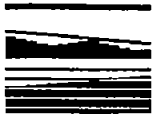
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Initiated:	noted above in this Report. Randy Daggitt said that JJM would continue base capping tonight, and that the new info. was being sent via Internet to Bruce McDonald, the EofR. KC (Nordlund) informed Randy Daggitt that CM would be expecting to hear from Bruce (McDonald), and would inform JJM if, and/or when they were approved to proceed with further quarry spall capping in Area B. At app. 1940hrs. received phone call from Bruce McDonald saying that he had just reviewed th latest survey results, and JJM could proceed with further quarry spall capping in the areas approved. JJM (R. Daggitt) was given the "go ahead" at 1948hrs., after a phone call by K. Nordlund to Ukwenga Oleru, with the same information.	
Visitors to Site	Rob Matheison, JJM	
Equipment Used	JJM survey boat "Doppler"	2 person crew
	Tender Tug "Mary Margaret"	1 supervisor
	(2)Anchor Tender Floats	
	Capping Barge/Hitachi 1800 Excav. "ME209"	
	Capping Barge/Crane/Loader "ME216"	3 crew person
	Flatbed Barges "ITB-270", "Coldecker Straits"	
	SeaLink Charter Tug "Neva Straits"	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 8 IK/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
X X

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day Shift report 6:00AM to 2:00PM (Iha Khilfeh) On site this morning at 6:00AM. JJM is placing base cap blend sand (barge ITB-270) Crew stopped at approx. 8:30AM after re-positioning capping platform and barge. JJM changed work crews (approximately 10:00AM). JJM continued activities on the work platform, but no new capping progress. JJM did not resume capping until app. 11:50AM, and continued with only occasional short stops until the end of shift.</p> <p>Night Shift 1:30PM to 9:30PM (Nordlund) JJM was placing base blend sand in Area A, between app. sta. 02+00 and 03+00, Left of Base Line at app. offset -60 (per JJM Grid Plan), at the beginning of this shift. JJM is removing base cap material from the flatbed barge "ITB-270". JJM emptied the "ITB-270" by app. 1330hrs. JJM removed their 966D loader from the barge at 1343hrs.</p> <p>At app. 1350hrs the tug "Westpoint" left with the "ITB-270", and a second tug "Westrac", brought the The "Straits Cold Decker" flatbed barge (quarry spalls) back over from Island Tug&Barge berth. The "Straits Cold Decker" flatbed barge was tied up along the starboard (channel) side of the capping platform. The work platform began moving S. toward Area B at app. 1430hrs. JJM finally reached Area B, and resumed quarry spall capping by app. 1740hrs. (re: Problems Encountered for other details). JJM continued capping work with only occasional short stops until the end of this (KC) shift period.</p>
Miscellaneous:	JJM Surveyors were on to monitor work in Areas A and B this afternoon.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	Note: at 1530hrs. KC (K. Nordlund) was informed by JJM (R. Daggitt) that another cable anchor winch had broken on the Working Platform.
Test Conducted:	As of this 2/6/04, no further water turbidity testing is required by KCEL, per phone conversation with one Fritz G. (KCEL) and CM (R. Brunke).
Work Rejected:	
Instructions Given to Contractor & Changes	

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

Iha Khilfeh 3/2/04
Iha Khilfeh,
Keith Nordlund, , Construction Inspectors (Date)

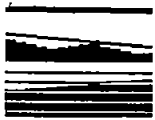


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Initiated:		
Visitors to Site	R. Matheison, Randy Daggitt (weekend designated mgmt.), Bob Rudd, JJM	
Equipment Used	JJM survey boat "Doppler"	2 person crew
	Tender Tug "Mary Margaret"	1 supervisor
	(2)Anchor Tender Floats	
	Capping Barge/Hitachi 1800 Excav. "ME209"	
	Capping Barge/Crane/Loader "ME216"	3 crew person
	Barges "Hoquiam", "Straits Cold Decker"	
	Charter Tugs "Westpoint", "Westrac"	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	9	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
	pm.		am.			
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Day Shift report 6:00AM to 2:00PM (Randy Brunke) On site this morning at 6:00AM. Crew is in process of placing base capping (blend sand) material from the flatbed barge "Western Venture". The flatbed barge "Straits Cold Decker" (quarry spalls) is tied up again at Island T&B dock. Base cap material is being placed in Area B app. 11+00 on 1" slope and bench from shore. Capping stopped At 9:45AM for crew shift change. Capping resumed a 10:20AM. Crew moved anchors at app. 12:00PM to app. 1:40PM. Crew is now setup in front of the 144 inch outfall and siphon area at station 5+90 next to shore.</p> <p>Day Shift report 1:30PM to 9:30PM (K. Nordlund) At app. 1345hrs., an hydraulic hose ruptured on the upper arm of the Hitachi 1800 Excavator. Base capping resumed at app. 1710hrs., immediately SW. of the 144" SD. JJM stopped capping at app 1800hrs. and relocated upstream to the SE corner of Area A. JJM resumed base capping at 1824hrs. Base capping stopped again at 1842hrs. for relocation activities. JJM resumed capping at app. 1915hrs. JJM stopped at 2035hrs. to relocate anchors and do routine maintenance. JJM continued capping with relocations from E. to W. along the S. end of Area A.</p>
Miscellaneous:	JJM Surveyors on site to monitor the base capping work, and to confirm extent of completion of new work on Area B quarry spall capping.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	At app. 1345hrs., an hydraulic hose ruptured on the upper arm of the Hitachi 1800 Excavator. Because of the location of the break, and the extent of spilled oil, JJM was forced to send out for a taller ladder than was on the work platform. JJM also had to route out an apparent problem with their GPS (the repeater is located on top of the excavator arm) that occurred when the hydraulic line broke. Base capping resumed at app. 1710hrs.
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

[Signature]
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)

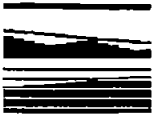


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Visitors to Site	Randy Daggitt, Rob Matheison, JJM	
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Western Venture"	2 person crew 1 supervisor (Len Miller) 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 10 rb/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
X

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day shift (6AM to 1:30PM) Randy L Brunke Crew is not capping this morning. They are on self-imposed standby awaiting King County review of latest survey results taken by Miller on 2-9-04 and this morning. Survey results were sent via e-mail to Bruce McDonald (Anchor Environmental) KC Consultant. The survey is for Area B and the upstream of area A. The Barge "Western Venture" is currently moored to Capping platform with app 20% of base cap material left on board. JJM (re: Len Miller) wants to save remaining base cap material in case more material is required after KC reviews the latest survey results. Night Shift: 1:30PM to 9:30AM (K. Nordlund) The Contractor was still on standby at the beginning of this shift. Made cell-phone call to Ukwenga Oleru at 1445hrs. and copied down the latest information received from B. McDonald review of survey data sent to him from JJM. That information was passed on to JJM (Len Miller). JJM resumed base capping in Area A between app. sta. 06+00 and 07+00 after 1754hrs. JJM continued working downstream, with occasional short stops until the end of the shift.</p>
Miscellaneous:	JJM Surveyors on site to monitor the base capping work.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	Made cell-phone call to Ukwenga Oleru at 1445hrs. and copied down the latest JJM survey review information received by KC from B. McDonald (AE consult.) in the form of an E/M. Bruce informed KC that he was at home sick, but that he had reviewed information sent to his PC this day from JJM as doc. Master Profile 0210-0700-1180.DWG. KC (Nordlund) phoned JJM (Len Miller) out on the Work platform with a list of acceptable areas, and areas requiring further work to meet the Contract docs. (per B. McDonald). Len maintained that two docs. had been sent to B. McDonald within the last 24 hours by JJM, and that (he felt) some of the

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

	information that KC was relaying to him did not reflect additional work performed on slopes in Area A (sta. 07+00 to 8+40; offset -200 to -185) that JJM had sent to B. McDonald this morning. Note: JJM later confirmed (Rudd, Miller) that the CD that had the additional information had not been sent to the Engineer, as they had originally thought.	
Visitors to Site	Ukwenga Oleru, KC	
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Western Venture"	2 person crew 1 supervisor (Len Miller) 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	11	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
X						
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	am.	pm.				

Construction Activities:	Day shift: 6:00AM to 1:30PM (Randy L Brunke) On site this morning at 6:00AM. Crew is in-process of placing quarry spalls from the flatbed barge "Straits Cold Decker". Crew placing spalls in Area A and B from approximately station 7+00 to 13+80. JJM continued with only occasional short stops until the end of this shift. Night Shift: 1:30PM to 9:30AM (K. Nordlund) At the beginning of this shift, JJM Work platform was moving upstream, spreading quarry spalls from the "Straits Cold Decker" in Area B. JJM is correcting borderline "light" spots, as determined by the Engineer's (re: B. McDonald, AE) review of the latest JJM survey data from Areas A and B. JJM stopped quarry spall capping at app. 1510hrs. JJM resumed capping at 1545hrs. JJM repositioned anchors at app. 1600hrs, and did not resume capping until after 1800hrs. Contractor continued, with occasional stops, until the "Straits Cold Decker" was emptied at app. 2100hrs. The next barge was not on site by the end of this (KC) shift period.
Miscellaneous:	JJM Surveyors on site to monitor the base capping work.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	Note: at app. 1745hrs. spoke by cell-phone with Ukwenga Oleru regarding a request by Len Miller to use habitat mix in a manner that had been discussed directly between Len and Bruce McDonald earlier that day. Ukwenga said that the area discussed with Len Miller to use the "habitat mix" was acceptable to Bruce, who had discussed the matter earlier with KC. Bruce sent an E/M to KC (Oleru) regarding the items discussed with (re: attached E/M).
Visitors to Site	Allison US/EPA on site at app 1PM today

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

(Signature)

Keith Nordlund,
Randy Brunke, Construction Inspector (Date)

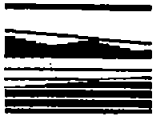


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Straits Cold Decker"	2 person crew 1 supervisor
		3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>							
Year	Month	Day	Inspector				
2004	2	12	rb/KN				
<u>Day of the Week</u>							
Sat	Sun	Mon	Tue	Wed	Thu	Fri	
					X		
<u>Weather</u>							
Clear	PC	Overcast	Fog	Rain			
X							
<u>Temperature</u>							
10-32	32-55	55-70	70-85	85+			
	am	pm					

Construction Activities:	<p>Day shift: 6:00AM to 1:30PM (Randy L Brunke) On site this morning at 6AM. Currently crew is not placing material. Crew placing base capping material at app. 6:45AM. Material is blend sand from the "Western Provider". JJM is working in Area A, between approximately station 5+00 to 6+00. Contractor continued base capping with only occasional short stops until the end of this shift.</p> <p>Night Shift: 1:30PM to 9:30AM (K. Nordlund) Contractor is continuing base capping operations in Area A. They are working from the "Western Provider", which has base cap blend sand, and arrived on the site last evening. JJM continued base capping, with only occasional short stops, until the "Western Provider" was emptied at app. 1800hrs. The 966D Loader was picked from the barge, and the barge was towed ETD 1840hrs. JJM began offloading the flatbed barge "ITB-270" in Area A at app. 1930hrs. JJM continued base capping with only occasional short stops until the end of this shift. Note: It was (per Bob Rudd, JJM) JJM's intention to attempt placing the "habitat mix" near the shoreline within the exist. rip-rap boundaries. That work did not happen until after the end of this KC shift period.</p>
Miscellaneous:	JJM Surveyors on site to monitor the base capping work. The flatbed barge "ITB-270" was tied up at Island Tug & Barge during the day. It is split-loaded with half the load base cap blend sand, and the other half, "habitat mix". It was towed by a Charter Tug over for unloading by JJM, ETA 1850hrs.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	JJM requested a modification to the placement sequencing in the Contract, as regards the base blend sand, habitat mix, and rip rap in Areas A and B. The Engineer has discussed the matter with JJM (Len Miller), and has issued a E/M to KC regarding the primary items discussed with JJM (re: attached E/M).
Visitors to Site	John Miller, Scott Jacob, JJM, Ukwenga Oleru, KC

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund, 2/17/04
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



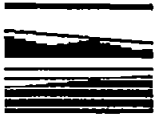
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barges "ITB-270", "Western Provider"	2 person crew 1 supervisor
		3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year **Month** **Day** **Inspector**
2004 2 13 rb/KN

Day of the Week

Sat **Sun** **Mon** **Tue** **Wed** **Thu** **Fri**
X

Weather

Clear **PC** **Overcast** **Fog** **Rain**
X

Temperature

10-32 32-55 55-70 70-85 85+
am. pm.

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>1st Shift, 6AM to 2PM; Randy Brunke On site this morning at 6AM. Crew is in-process of placing material (Area A) off the "ITB -270". At 8:30AM crew moved capping platform up to existing rock bulkhead (shore) area just downstream of the finger pier to place habitat mix over existing rock bulkhead, area A (high tide is at 9:16AM). Crew is placing habitat mix in this area, working downstream along existing rock bulkhead. Stopped at 9:15AM. There was a JJM shift change at 10AM. Capping resumed same area at 10:40AM.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund By the start of this shift, JJM had moved out from shoreline in Area A, and were not placing any capping materials. By app.1400hrs, JJM had moved the work platform upstream, and began re-grading high quarry spall spots into marginally low areas in the SE. corner of Area A and in Area B(re: Problems Encountered section below for further details). JJM alternated this re-grading work with the spreading of "habitat mix" in those zones of Areas A and B where quarry spall work had been approved. Work proceeded in this manner, with the contractor taking occasional stops to relocate, re-survey, and/or perform routine maintenance until the end of this shift.</p>
Miscellaneous:	JJM Surveyors on site to monitor the capping work, and to verify the re-grading of quarry spalls in Areas A and B.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	JJM began regrading high spots into marginally low areas in the SE. corner of Area A after 1400hrs.(tide was on the Ebb). Other low spots in Area B were given a similar treatment. The rework was part of a plan worked out between the Engineer (B. McDonald, AE) and L. Miller, JJM. KC (Oleru) received the new information via E/Mail, and passed it on to KC site staff as a printout copy. JJM voluntarily agreed with the Engineer (to do the rework) to resolve any marginally questionable quarry spall areas just prior to spreading habitat mix from the "ITB - 270" in those areas. R. Brunke contacted B. McDonald to corroborate and clarify information received by cell-phone from L. Miller (re: E/Mail 2/13/04, 8:39AM McDonald to Oleru, for further details).
Test Conducted:	

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund, 3/17/04
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)

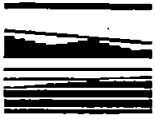


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:
CONTRACT NUMBER: C33027C

Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site		
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "ITB-270"	2 person crew 1 supervisor 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 14 IK/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
X showers

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>1st Shift, 6AM to 2PM; Iha Khilfeh On site this morning at app. 6:00AM. Crew is in the process of removing base capping material (Area A) off the "Western Venture" (The "ITB-270" was completed during the night). At app. 6:35AM, JJM moved work platform upstream. No materials were offloaded before the platform moved downstream again at app. 9:00AM. JJM finally resumed base capping at app 9:15AM, and stopped again at 9:45AM (just before shift change). JJM changed shift crews at app. 10:00AM. JJM is placing base capping material, and then stopping occasionally to allow the 966D Loader a chance to move materials on the flatbed barge. JJM resumed capping at app. 10:35AM. JJM stopped capping again at 11:30AM. JJM began relocating the Work platform at that time, and reached new downstream location at app. 12:40PM. Capping resumed at 12:50PM. JJM stopped base capping again at 1:10PM</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund By the start of this shift, JJM had resumed placing base capping materials in Area A, between app. sta. 03+00 and 04+00. JJM stopped base capping at app. 1445hrs, and moved the work platform upstream. JJM resumed capping at app. 1500hrs. JJM stopped again at 1830hrs. at app. sta. 06+00. JJM resumed capping at 1840hrs. JJM continued base capping with occasional stops to redistribute barge sand, relocate, and/or perform routine maintenance until the end of this shift.</p>
Miscellaneous:	JJM Surveyors on site to monitor the capping work. JJM Night shift Survey crew began arriving at the site at 2000hrs.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	JJM management were in Tacoma, Wa., until 1830hrs. Bob Rudd stopped into the site office at that time. He informed K. Nordlund that JJM was trying to organize a meeting that day with B. McDonald to readjust the base capping quantities, and have him review JJM's latest survey data (that has not yet been seen by the KC Proj. Rep.) to get approval from him for unloading a barge full of rip-rap that was due in during the (President's Day Holiday) weekend. K. Nordlund informed Mr. Rudd that agreements reached in that manner were not binding on KC.
Test Conducted:	
Work Rejected:	

Ukwenga Oleru 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund 3/2/04
Keith Nordlund,
Iha Khilfeh, Construction Inspector (Date)

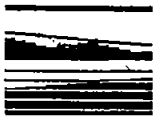


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Instructions Given to Contractor & Changes Initiated:		
Visitors to Site		
Equipment Used	JJM survey boat "Doppler"	2 person crew
	Tender Tug "Mary Margaret"	1 supervisor
	(2)Anchor Tender Floats	
	Capping Barge/Hitachi 1800 Excav. "ME209"	
	Capping Barge/Crane/Loader "ME216"	3 crew person
	Flatbed Barge "Western Venture"	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

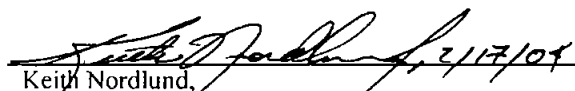
TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	15	IK/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
	X					
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
	X			showers		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>1st Shift, 6AM to 2PM; Iha Khilfeh On site this morning at app. 6:00AM. No materials were offloaded from the flatbed barge "Western Service", before the platform moved upstream again at app. 1:00PM. Prior to that time, the only work on the barge consisted of the 966D Loader moving base cap blend sand materials on the flatbed barge so they could be more easily offloaded by the 1800 Excavator. JJM is placing base capping material in Area A between app. sta. 03+00 and 04+00.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund At the start of this shift, JJM was placing base capping materials in Area A, between app. sta. 03+00 and 04+00. JJM stopped base capping at app. 1625hrs, and allowed the Loader to rearrange stockpile. At 1710hrs., the platform cut the barge loose, the Westrac II charter tug took charge of the "Western Service", and moved that barge over to Island Tug & Barge on standby. JJM retrieved the "Western Service", and tied up to the work platform at app. 2000hrs. JJM continued moving material on the barge with the Loader, but did not resume capping again until after 2053hrs. JJM continued base capping through the end of this (KC)shift period.</p>
Miscellaneous:	JJM Surveyors on site to monitor and survey the capping work. A good part of the morning shift was spent with JJM Surveyors re-surveying Area A. JJM changed one shift crew at app. 10:00AM. Note: was informed by L. Miller, JJM, that the next barge that JJM expected was loaded with rip-rap. The tow company has determined that that barge is overloaded, and has refused the haul from Canada until part of the load is removed. JJM Night shift Survey crew began arriving at the site at 2000hrs.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	JJM management personnel were not on site for most of the 1st Shift. There was one short visit by John Miller this morning. KC (K. Nordlund) cell-phoned JJM (Len Miller) at app. 1335hrs. to find out why there had been virtually no capping for almost the entire (KC) 1st Shift, and because KC inspector, I. Khilfeh, had not received any information from the on site crew. Len said he didn't know, but would contact the Work platform and find out for KC. At app. 1500hrs. Len called back and said that, there was no major mechanical problems, but that the barge was standing by for Survey update, and that is why no new capping work occurred.

URD 3/2/04

Ukwenga Oleru Project Representative (Date)


Keith Nordlund,
Iha Khilfeh, Construction Inspector (Date)



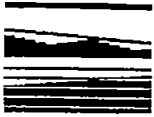
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

	JJM resumed work at app. 1705hrs. with blend sand stored on a platform named "Miller 308". KC (Nordlund) phoned Bob Rudd to ask what material was on that small barge, and was it intended for this jobsite. During the course of the phone call, John Miller and Randy Daggitt walked into the site office. KC ended the phone call with Mr. Rudd, and asked the same question to Mrs. Miller and Daggitt. KC was informed that the "Miller 308" was part of a job for Foss, and that none of that material would be used at this site. KC (Nordlund) also informed Mr. Daggitt that there were problems today establishing a "line of communications" with JJM site management. Mr. Daggitt said that George Tucker was in charge today. KC (Nordlund) said that no one had informed KC of that person's designation until this conversation.	
Test Conducted:		
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	John Miller, Randy Daggitt, JJM	
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Charter Tug "Westrac II" Flatbed Barge "Western Service"	2 person crew 1 supervisor 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	16	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	On site this morning at 6AM Crew currently is not placing any capping material. At 6:30AM crew moved a appeared to be a empty barge away from capping platform. No capping activities today due to no material/barge available.
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO

3/2/04

Ukwenga Oleru Project Representative (Date)

Keith Nordlund 3/22/04

Keith Nordlund,

Ranndy Brunke, Construction Inspector (Date)

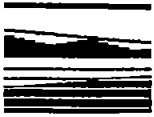


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216"	2 person crew 1 supervisor
	Flatbed Barge "ITB-270"	3 crew person



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Date

Year Month Day Inspector
2004 2 17 rb

Day of the Week

Sat Sun Mon Tue Wed Thu Fri

X

Weather

Clear PC Overcast Fog Rain

X

Temperature

10-32 32-55 55-70 70-85 85+

X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

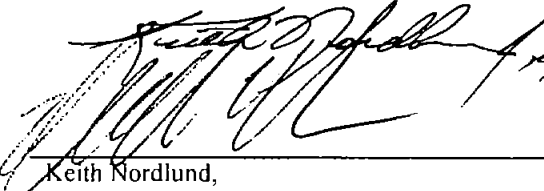
TIME WORK STOPPED

Construction Activities:	Day shift 6AM to 2PM On site this morning at 6AM. Currently there is no capping or work activities. Miller is on standby for a barge delivery. Miller received a barge (Hoquaim) of Rip Rap today at 12:45 PM. Crew moved Capping platform to area B to start placing Rip Rap. Crew started placing material today at 1:52PM
X SCAZZZZZZZZZZZZZZZZZ ZZV	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO

3/2/04

Ukwenga Oleru Project Representative (Date)


Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "ITB-270"	2 person crew 1 supervisor 3 crew person
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KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 18 rb/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri

X

Weather

Clear PC Overcast Fog Rain
pm. am am

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

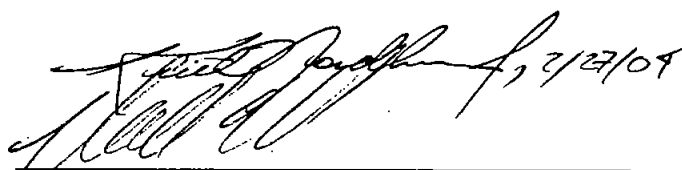
PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

Construction Activities:	<p>1st Shift, 6AM to 2PM; Randy Brunke On site this morning at 6:00AM. Crew is in-process of placing Rip-Rap from the flatbed barge "Hoquiam". This barge started unloading yesterday at 1:52PM. Crew stopped capping at 8:40AM.</p> <p>Crew moved Capping platform to approximately station 14+00 and started placing rip-rap at 11:54AM. Rip -rap was placed in this area yesterday but Survey results from Miller indicated there was not enough coverage (min 2' thickness) so they are placing additional material.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund JJM was completing the offloading of rip-rap in Area B at the beginning of this shift. The "Hoquiam" was substantially emptied at app.1540hrs. JJM took occasional bites of material while they moved downstream to Area A, and waited for another barge associated with a contract they had at Foss. That barge arrived at app.1840hrs. No new capping work occurred for this KC Contract until after the end of this shift.</p>
Miscellaneous:	JJM Surveyors on site to monitor and survey the capping work. (8:50AM) Surveyors mapping out Area B where rip-rap material placed on Night shift.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	Note: At app. 1900hrs., JJM brought up (by Charter tug "Lucy Franco") an empty flatbed barge (the "Sunny Point", Ketchikan, AK.) intended for another contract JJM was doing for Foss. No new capping work occurred for this KC Contract until after the end of this (KC) shift period.
Test Conducted:	.
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	Kym Takasaki, USACE

URO 3/2/04
Ukwenga Oleru Project Representative (Date)


Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



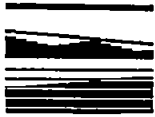
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Hoquiam"	2 person crew 1 supervisor
		3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	19	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
					X	
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	1st Shift, 6AM to 2PM; Randy Brunke On site this morning at 6AM. Crew is in-process of placing base cap material in Area A at approx. station 6+00 offset -100 just upstream of siphons. 2nd Shift, 1:30PM to 9:30PM; K. Nordlund At the start of this shift, JJM was offloading blend sand base capping material from the flatbed barge "Western Service" immediately W. of the 144" City of Seattle SD (app. sta. 06+00). JJM stopped capping at app. 1700hrs. to allow JJM Surveyors to re-survey Area A around the 144" SD and KC siphon. By the time JJM stopped capping at 1700hrs., the work platform had moved downstream to between app. sta. 02+00 and 03+00. Base capping resumed at app. 1720hrs. Base capping stopped at app. 1750hrs. for survey work, for the 966D Loader to reposition materials, and to reposition a working anchor (re: B. Rudd, JJM). JJM did not resume base capping until app. 2050hrs. JJM completed the barge after the end of this (KC) shift period (B. Rudd, JJM, estimated there was app. 20% of the blend sand left on the barge).
Miscellaneous:	JJM Surveyors on site to monitor and survey the capping work. JJM stopped capping at app. 1700hrs. to allow JJM Surveyors to re-survey Area A around the 144" SD and KC siphon between sta. 07+00 and 05+00. Survey work continued to follow the working platform downstream.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	Bruce McDonald, AE

UWO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund 3/2/04
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)

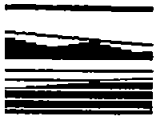


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Western Service"	2 person crew 1 supervisor (Len Miller)
		3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 20 rb/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
X

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>1st Shift, 6AM to 2PM; Randy Brunke On site this morning at 6:00AM. There were no capping activities by JJM. There was no new capping this (KC) Day Shift, because the Contractor did not have a new barge with capping material on site. JJM's next barge is scheduled to be on site this coming Saturday, February the 21st, ETA 10:00AM.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund At the start of this (KC) Night Shift, JJM working platform was still on <u>stand by</u> at the downstream end of the project site. The JJM working Platform had not begun moving upstream (taking advantage of a -0.9 Ebb Tide to rework areas where previous capping activities had occurred, and that had been determined by the Engineer and (KC) to be unacceptable by the Contract, after review of JJM's own latest Survey data) by the end of this (KC) shift period. The Contractor had notified the Proj. Rep. earlier in the day that they would move upstream after app. 1900hrs. to start that rework.</p>
Miscellaneous:	Miller surveyors are mapping out previous JJM capping in Area A (noted at 6:00AM).
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	KC (Oleru, Brunke, Nordlund) received word from the Engineer (B. McDonald, AE) this morning that concerned parties at the USF&WS, as well as the EPA had been apprised of all changes that had been made between KC, JJM and the Engineer to date regarding the capping. Those concerned parties have not taken any exceptions to the KC approved capping changes to date. The concerned State and Federal agencies have agreed in principle to a single contract extension of up to two weeks for JJM, if necessary, <u>with conditions</u> . The Proj. Rep. has thus far, forwarded an E/Mail message from B. McDonald, confirming that information to Project staff. The Proj. Rep. has also, forwarded that information by telephone to JJM (re: R. Daggitt, JJM).
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes	

URO 3/2/04
Ukwenga Oleru Project Representative (Date)


Keith Nordlund, 3/2/04
Randy Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Initiated:		
Visitors to Site		
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216"	2 person crew 1 supervisor 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 21 IK/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
X

Temperature

10-32 32-55 55-70 70-85 85+
am. pm.

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>1st Shift, 6AM to 2PM; Iha Khilfeh On site this morning at 6:00AM. JJM did not start moving the work platform upstream until app. 11:30AM. There were no new capping activities by JJM until app. 11:45AM. The Contractor took advantage of the Ebb Tide to rework a few high spots remaining from previous capping activities in Area B (as determined by the Engineer's evaluation of JJM's recent Survey data). JJM also reworked the "habitat mix" on the flatbed barge "Western Venture", with their 966D Loader. That barge was towed on site this morning, ETA 10:00AM.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund At the start of this (KC) Night Shift, JJM working platform was reworking the high spots in Area B noted above. JJM removed their Loader from the "Western Venture" at app. 1315hrs. The "drop nose" barge "Sunny Point" was towed over to the work platform from a slip at Island Tug & Barge by the Charter Tug "Island Chief" at app. 1320hrs. That barge was towed in on the landward side of the working platform, and immediately loaded with "habitat mix" from the "Western Venture". At ETD 1350hrs., the "Sunny Point" left the work platform for the 144" SD outfall area. JJM began "habitat mix" placement at app. 1359hrs. with the 966D Loader. JJM completed offloading work in the 144"SD Outfall area at app. 1542hrs. The tug & barge returned to the platform, and the 966D Loader was offloaded prior to the tug leaving with the "Sunny Point". JJM resumed reworking high spots in Area B, at app. 1620hrs. JJM resumed new capping work (after app. 1850hrs.) with "habitat mix" in Area B, over previously placed quarry spalls (re: sheets C5,C6 plans). Capping work continued with only occasional short stops, through the end of this (KC) shift period.</p>
Miscellaneous:	Miller surveyors were on site to chart JJM capping activities in Areas A and B.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	JJM had determined earlier in the Project that their work platform and equipment, as configured, could not reach the bayed area N. of the 144" SD outfall to place "habitat mix" as shown in the plans. JJM resolved the problem by towing the "drop nose" barge "Sunny Point" to this site, and nosing it into those areas near the SD outfall at Flood Tide to place the app. 50 cu. yds. of "habitat" blend.

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

[Signature]
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Test Conducted:		
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	John Miller, Rob Matheison, JJM	
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" Charter Tug "Island Chief" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excavator "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Western Venture" Drop-nose Barge "Sunny Point"	2 person crew 1 supervisor 3 crew persons



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	22	IK/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
	X					
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
	X					
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	am.	pm.				

Construction Activities:	<p>1st Shift, 6AM to 2PM; Iha Khilfeh On site this morning at 6:00AM. JJM was basically setting up the work platform until app. 8:35AM. The Contractor is still offloading materials from the "Western Venture". JJM capping with "habitat mix" over previously placed rip-rap in Area B until app. 9:35AM. JJM stopped at app. that time to change shift crews. JJM resumed "habitat mix" capping at app. 10:00AM, and continued with only occasional short stops until the end of this (KC) shift period.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund At the start of this (KC) Shift, JJM working platform was capping with "habitat mix" in Area B, from the "Western Venture" as noted above. JJM continued proceeding downstream with new capping work with the "habitat mix" in Area B, over previously placed rip-rap (re: sheets C5, C6 plans). JJM stopped capping just before 1800hrs. to allow the Loader to move most of the remaining material on the barge over to the Excavator. JJM resumed capping at 1830hrs. JJM stopped again at 1900hrs. to allow the Loader to move materials over to the Excavator. Capping resumed at app. 1931hrs., and continued with only occasional stops, until the "Western Venture" was emptied.</p>
Miscellaneous:	Miller surveyors were on site to chart JJM capping activities in Area B.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	Note: was informed by B. Rudd, JJM that the next materials barge was due in the Seattle area after 2300hrs.
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	John Miller, JJM

URO 3/02/04

Ukwenga Oleru Project Representative (Date)

Keith Nordlund
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)
Iha Khilfeh

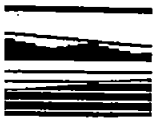


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excavator "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Western Venture"	2 person crew 1 supervisor
		3 crew persons



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	23	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		Light rains		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>1st Shift, 6AM to 2PM; Randy Brunke On site this morning at 6AM. Crew is in-process of placing capping material. JJM is placing Rip-rap in Area A app. sta. 07+00, offset -50. Capping stopped at approx. 9:30AM for a shift change. JJM did not resume capping through the balance of this (KC) shift period.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund The Contractor was not placing capping material at the beginning of this (KC) shift period. The Contractor (L. Miller, JJM) notified KC (U. Oleru) that they were down to perform maintenance on their equipment, and to review the latest JJM survey data. The Contractor spent the balance of their Night Shift rearranging the load on one of their hopper barges moored out in the outer harbor.</p>
Miscellaneous:	Miller surveyors were on site to chart JJM capping activities in Area A.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	Note: the flatbed barge "Hoquiam" was held up at U.S. Customs, and was not towed on site until this morning. Len Miller informed KC (Nordlund) at app. 1620hrs., that JJM was still awaiting some sort of final documentation from US Customs prior to placement of any more materials from the "Hoquiam". It is the primary reason that nothing more was placed by JJM after 0930hrs. At app. 1630hrs., KC (Nordlund) received word from Len Miller, JJM, that problems with US Customs had not been resolved, and JJM would not be doing any capping using that barge until tomorrow morning.
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

[Signature]
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)

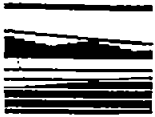


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:
CONTRACT NUMBER: C33027C

Visitors to Site		
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2) Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Hoquiam"	2 person crew 1 supervisor 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Date						
Year	Month	Day	Inspector			
2004	2	24	rb/KN			
Day of the Week						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
			X			
Weather						
Clear	PC	Overcast	Fog	Rain		
		X		showers		
Temperature						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>1st Shift, 6AM to 2PM; Randy Brunke</p> <p>On site this morning at 6:00AM. No capping activities this morning and the Contractor is not on site. Crew arrived on site at 10:00AM. Crew is waiting word from the US Customs that the paperwork is completed on the "Hoquiam", and Miller is allowed to resume offloading rip-rap off that barge.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund</p> <p>The Contractor was still on "stand by" in Area A, at the beginning of this KC shift period. JJM's work started in the E. end of Area A. JJM received clearance from us Customs, and they resumed new capping work with rip-rap placement, and some reworking of previously capped locations, after app. 1500hrs. JJM stopped capping at app. 1745hrs. JJM resumed rework activity and rip-rap capping at app. 1830hrs., and stopped again at 1840hrs. for their Loader to catch up with the Excavator. JJM resumed new work at 1922hrs. JJM stopped capping work at app. 1940hrs. to repair a hydraulic leak. Capping work resumed after app. 2022hrs.</p>
Miscellaneous:	<p>It appeared that the spuds on the Capping derrick were down this morning. KC (R. Brunke) talked to Len (Miller) about spuds and he told me that they are not all the way down. Miller Surveyors were on site to chart JJM capping activities in Area A.</p>
Safety/Accidents:	<p>The Contractor did not report any accidents/incidents to KC this shift period.</p>
Problems Encountered & Resolutions:	<p>Note: KC(U. Oleru) has requested a letter from JJM regarding the recent extensive "down time" regarding the capping work. This KC Contract is based in performance. KC (K. Nordlund) explained to B. Rudd, JJM, that KC considers that the timing of these JJM problems (right after the granting of a two-week conditional Contract extension) may be a coincidence, but they just look bad. Note2: JJM stopped capping work at app. 1940hrs. to repair an hydraulic leak. Per L. Miller, it was JJM's intent to continue to place both the regular and special graded rip-rap between app. sta. 07+00 and 08+50 in Area A through the balance of the night, once the leak repair was completed. Capping work resumed after app. 2022hrs.</p>
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes	

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



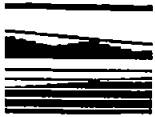
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Initiated:		
Visitors to Site		
Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Hoquiam"	2 person crew 1 Supervisor (L. Miller; left site@2000hrs.) 3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year **Month** **Day** **Inspector**
2004 2 25 rb/KN

Day of the Week

Sat **Sun** **Mon** **Tue** **Wed** **Thu** **Fri**
X

Weather

Clear **PC** **Overcast** **Fog** **Rain**
X showers

Temperature

10-32 **32-55** **55-70** **70-85** **85+**
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>1st Shift, 6AM to 2PM; Randy Brunke On site this morning at 6AM Crew is on site but currently no capping activities noted. At 7:35AM crew moved capping derrick close to shore at approx. station 8+00 to 9+00 offset-125. Crew started placing rip-rap at 8:25AM. Capping stopped at 9:20AM. JJM capping and rework activities in progress at 12:45PM.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund JJM had stopped capping and rework activity in Area A, between app. sta. 05+00 and 07+00, at app. 1300hrs. JJM resumed rip-rap capping at app. 1400hrs. JJM stopped new capping work from app. 1500hrs. to 1600hrs (re: Instructions Given- section below for other details). JJM resumed reworking the grades, and new rip-rap capping shortly after 1600hrs. JJM continued with only occasional short stops until the "Hoquiam" was emptied at app. 1735hrs. The Contractor spent the balance of this (KC) shift period reworking high and low spots in their previous materials placements as determined earlier this day by the Engineer's review of JJM survey data. The barge "Western Venture" was not due to the sight until after 2200hrs.</p>
Miscellaneous:	Miller surveyors out on the water at 9:32AM to map out recent cap areas.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	JJM stopped new capping work from app. 1500hrs. to 1600hrs. to allow the Engineer to field verify (from aboard the "Doppler", during an Ebb Tide) the condition of JJM's work along the site shoreline. The Engineer also reviewed new JJM survey data on board the Capping platform and noted for additional work by the Contractor, areas that did not meet plans, specs or approved revisions to the Contract.
Visitors to Site	C. Waggoner, NOAA Consult.; B. McDonald, AE; Randy Daggitt, JJM

URO 3/2/04
Ukwenga Oleru, Project Representative (Date)

Keith Nordlund 3/2/04
Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Hoquiam"	2 person crew 1 supervisor
		3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	26	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
					X	
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>1st Shift, 6AM to 2PM; Randy Brunke On site this morning at 6:00AM. Crew on site. Currently JJM is not capping. The barge "Western Venture" arrived on site at app. 10:30PM last night with "habitat mix". Len (Miller) informed me at 7:10AM that they are having problems with their WinOPs GPS system and that is why they are not capping.. JJM began placing habitat mix from the "Western Venture" in Area A 12:44PM.</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund JJM was placing "habitat mix" from the "Western Venture", in Area A, at the beginning of this (KC) Shift period. Capping stopped at app. 1500hrs. to relocate work platform. JJM resumed capping and rework activities at app. 1515hrs. JJM stopped capping at 1740hrs. JJM resumed capping at app. 1750hrs. Capping work continued through the end of this (KC) shift period.</p>
Miscellaneous:	Miller Surveyors (6:50AM) mapped out areas of previously capped high spots that were reworked last night. Survey crew also charted JJM capping activities in Area A.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	Len Miller left the site today for awhile to purchase back-up hydraulic hose lengths for recently ruptured hydraulic hoses on the Hitachi 1800 Excavator.
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund, 2/27/04
Keith Nordlund
Randy Brunke, Construction Inspector (Date)

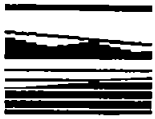


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216"	2 person crew 1 supervisor
	Flatbed Barge "Western Venture"	3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	2	27	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
						X
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	1st Shift, 6AM to 2PM; Randy Brunke On site this morning at 6AM. Crew on site. Currently crew is currently placing habitat mix off the "Western Venture" in Area A. JJM is also reworking the rip-rap in some Area A locations. 2nd Shift, 1:30PM to 9:30PM; K. Nordlund At the start of the shift, JJM was reworking rip-rap high spots in the transition from Area A to Area B. JJM relocated upstream to Area B after 1450hrs. to continue reworking high spots in a low tide condition. JJM resumed "habitat mix" capping activities and continued rework in Area B after 1700hrs. toward sta. 12+80. JJM continued a pattern of rework, and then began moving downstream to Area A. JJM resumed "habitat mix" capping in Area A, with occasional short stops until the end of this (KC) shift period.
Miscellaneous:	JJM Survey crew charted JJM capping activities in Area A.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	JJM had a flat tire on their 966D Loader (near the end of KC 1 st shift), which was parked on the "Western Venture" (re: L. Miller, JJM). By 1450hrs., The loader had been moved from the "Western Venture" to the "ME216" section of the work platform. The tire was repaired prior to 1630hrs.
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO 3/2/04

Ukwenga Oleru Project Representative (Date)

Keith Nordlund,
Randy Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: C33027C

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Flatbed Barge "Western Venture"	2 person crew 1 supervisor
		3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 28 UO/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
X X

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

Construction Activities:	<p>1st Shift, 6AM to 2PM; U. Oleru On site this morning at 7:00AM. Crew on site. Crew is currently placing "habitat mix" off the barge "Miller 310", in Area A just north of the outfall. JJM then stopped capping at about 08:50AM to adjust anchor and survey the capped area. JJM changed crews at about 09:40AM. JJM moved barge and platform to N. of Area A, and dropped spuds (outside of the work site).</p> <p>2nd Shift, 1:30PM to 9:30PM; K. Nordlund At the start of the shift, the Contractor was still anchored on their spuds N. of the project site. Per Ukwenga Oleru, JJM had not been doing any new capping since app. 12:00PM. Per information received from Len Miller at app. 1330hrs., JJM was going about the process of demobilizing the "M216" from this job site, since that work platform and it's equipment was no longer necessary to complete the Contract work. The "M216" left the platform under tow from the "Mary Margaret" at app. 1405hrs. JJM began reworking high spots along the channel edge of Area B between 1600hrs. and 1900hrs. Contractor spent the balance of this (KC) shift period reworking the channel edge of Area A, while moving downstream. JJM also placed "habitat mix" along the shoreline in the NE quadrant of Area A.</p>
Miscellaneous:	JJM Survey crew charted the most recent JJM capping and rework activities in Area A. Note: per L. Miller, their Night shift was the last shift working this weekend. Based on that information, paged the scheduled Sunday 1 st Shift inspector, and cancelled the shift (per previous agreement with U. Oleru, Proj. Rep.).
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

UO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Barge "Miller 310"	2 person crew 1 supervisor
		3 crew person



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 2 29 KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	Sunday Shift, 1:00PM to 9:00PM; K. Nordlund At the start of the shift, the Contractor was moving up into Area A. JJM used the "Mary Margaret" to swing the "Miller 310" barge around for better access to the last of the "habitat mix" on board at app. 1400hrs. JJM began placing "habitat mix" in low spots in Area A after app. 1530hrs. JJM reworked high spots along the channel edge of Area A after app. 1620hrs. Contractor spent the balance of this (KC) shift period reworking the channel edge of Area A and B, and used up the balance of materials on the "Miller 310" as they worked upstream. Capping and rework ended at app. 1900hrs. The JJM Survey crew continued their portion of the work.
Miscellaneous:	JJM Survey crew charted the most recent JJM capping and rework activities in Area A.
Safety/Accidents:	The Contractor did not report any accidents/incidents to KC this shift period.
Problems Encountered & Resolutions:	Note: Per phone call from Len Miller to KC (Nordlund, at home) this morning, JJM had not finished capping and rework last night, as they had originally thought. Len explained that everyone on the crew was "just getting too tired to go on." Per L. Miller last night, their 2/28/04 Night shift was the last shift working this weekend. Based on that information, the scheduled Sunday 1 st Shift inspector was cancelled. K. Nordlund came in to cover the work after contacting U. Oleru, Proj. Rep.
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	Ukwenga Oleru, KC Proj. Rep.

URO 3/2/04
Ukwenga Oleru Project Representative (Date)

Keith Nordlund, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER:
CONTRACT NUMBER: C33027C**

Equipment Used	JJM survey boat "Doppler" Tender Tug "Mary Margaret" (2)Anchor Tender Floats Capping Barge/Hitachi 1800 Excav. "ME209" Capping Barge/Crane/Loader "ME216" Barge "Miller 310"	2 person crew 1 supervisor (Len Miller)
		3 crew person



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
<u>Year</u> 2003	<u>Month</u> 11	<u>Day</u> 17	<u>Inspector</u> rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		

Construction Activities:	<p>Miller Contracting Crew work Saturday the 15th dredging. Crew dredged to shifts and sent a total of 2 barges to terminal 25. See attached reports for 11-15-03 from Miller.</p> <p>1st Shift Dredging resume today. Crew started shift at 2AM and delivered a full barge(Swan Island) to Terminal 25 this morning around 7AM. Crew starting dredging/filling second barge (Sand Island) and delivered full barge to Terminal 25 at Approx 12:45 PM</p> <p>2nd shift Crew started dredging/ filling Barge (Swan Island) and delivered full barge to Terminal 25 at approx 5PM. Crew started dredging/ filling barge (Sand Island) and delivered full barge to Terminal 25 at approx 10:30PM</p> <p>See Attached Miller reports</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	

Ukwenga Oleru

12/15/03

Ukwenga Oleru Project Representative (Date)

Randall Brunke

Randall Brunke, Construction Inspector (Date)

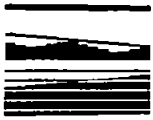


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER: 050
CONTRACT NUMBER: #C83235C**

Safety/Accidents:		
Problems Encountered & Resolutions:		
Test Conducted:		
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site		
Equipment Used	1	



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	11	18	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
			X			
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
					X	
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>.There was no Dredging activities today. The barges are sitting at Terminal 25 waiting to be offloaded. Rabanco is not unloading barges at this time because according to Rabanco they have unloaded their contractual amount of tonage for the time frame as stated in there contract. See Attached Miller report</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO 12/15/03

Ukwenga Oleru Project Representative (Date)

[Signature]

Randall Brunke, Construction Inspector (Date)

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

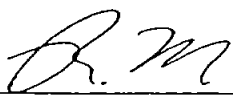
Date Work Performed:	November 18, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First / Second			X				

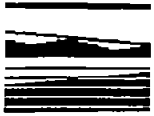
Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85	
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors:	Company	Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
<p>Dredging canceled due to inability to deliver sediment to off load site. Rebanco has limited delivery to 2000 cubic yards per day.</p> <p>No further dredging scheduled until Nov. 20, 2:00am</p> <p>Construction hydrographic survey continues.</p>	<p>Miller <u>Supervision:</u> Randy Daggett Len Miller Wes Yewell Rob Matheson</p> <p>McAmis <u>Supervision:</u> Craig Chartrand</p> <p>Survey John Hasall Mike Doratti Geoff Methuen</p>	<p>Survey Boat Crew Boat</p> <p>STAND BY: Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island</p>	<p>Nil</p>

Initials of Miller representative





**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	11	19	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	.Again there was no dredging activity today. Barges are at Terminal 25 being offloaded today. The barges Sand Island and Swan Island should be offload today and be available to Miller for dredging on 11-20-03	
	Dredge- Crystal Gayle Tug- Norton Bay Tug- Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat	1- Supervisor 3- Dredge Crew 2- Tug crew 2- Survey Crew
Miscellaneous:		
Safety/Accidents:		
Problems Encountered & Resolutions:		
Test Conducted:		
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site		
Equipment Used	1	

URO

12/15

Ukwenga Oleru Project Representative (Date)

[Signature]

Randall Brunke, Construction Inspector (Date)

QC 3A - DAILY OPERATIONS INFORMATION

DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	November 19, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First / Second				X			

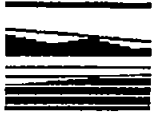
Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85	
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
<p>Dredging canceled due to inability to deliver sediment to off load site. Rebanco has limited delivery to 2000 cubic yards per day.</p> <p>No further dredging scheduled until Nov. 20, 2:00am</p> <p>Construction hydrographic survey continues.</p>	<p>Miller <u>Supervision:</u> Randy Daggitt Len Miller Wes Yewell Rob Matheson</p> <p>McAmis <u>Supervision:</u> Craig Chartrand</p> <p>Survey John Hasall Mike Doratti Geoff Methuen</p>	<p>Survey Boat Crew Boat</p> <p>STAND BY: Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island</p>	<p>Nil</p>

Initials of Miller representative

B. M.



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	11	20	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
					X	
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:

Miller resumed dredging this morning. Crew on site at 2AM

This morning around 10AM one of the Indian Fisherman came up to the dock at our dredge site and said that our dredging crew had taken one of his net float and strobe light. Craig from McAmis (dredging sub-contractor) that was present stated in part that the fisherman had tied his float to the dredge anchor line buoy. The fisherman and Craig did not agreed on just exactly happened and the fisherman became upset and started to cuss and said that they own him a new bouy and strobe light. Craig did not agreed. The fisherman said that he would get hold of his lawyer and left in his boat.

Craig informed me that the fisherman cut his locate buoy to one of their anchors and they had to stop work to relocate there anchor as they needed to move it to reposition the barged for dredging.

Craig said that they lost 3 hours of dredging while they were working on finding and relocating their anchor.

Dan Gravning (EPA) on site this morning at the dredge site to watch the dredging activities. Due to concerns that during dredging activities crew was overfilling the bucket and spoils were spilling out and falling back into the water causing resuspension of contaminate back into the river which could carry up or down the river and settle in non contaminated areas.

Dan Gravning witness overfilled buckets and noted

Informed Dan that KC has talked to Miller about their dredging operation on Tuesday

URO

2/6/04

Ukwenga Oleru Project Representative (Date)

Randall Brunke

Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

	Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat		1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew
Miscellaneous:			
Safety/Accidents:			
Problems Encountered & Resolutions:			
Test Conducted:			
Work Rejected:			
Instructions Given to Contractor & Changes Initiated:			
Visitors to Site			
Equipment Used	1		

QC 3A - DAILY OPERATIONS INFORMATION

DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	November 20, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First / Second					X		

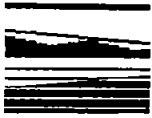
Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69		70-85	Over 85
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Dredging resumed Area B, Stn. 12+40 to 13+39, offsets +40 to +41 Shifted over to 08+16, offset +62 Construction hydrographic survey continues. Norton Bay tug delivered Sand Island to Terminal 25 at 09:30	<u>Miller</u> <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson <u>McAmis</u> <u>Supervision:</u> Craig Chartrand <u>Survey</u> John Hasall Mike Doratti Geoff Methuen	Survey Boat Crew Boat Dredge - Crystal Gayle Tug - Norton Bay Tug - Loren M Barge - Sand Island Barge - Swan Island	Nil

Initials of Miller representative

Ch. M.



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Date

Year Month Day Inspector
2003 11 25 rb

Day of the Week

Sat Sun Mon Tue Wed Thu Fri

X

Weather

Clear PC Overcast Fog Rain

X

Temperature

10-32 32-55 55-70 70-85 85+

X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

Construction Activities:	<p>Crew started dredging this morning at 6PM. Today crew change the dredge bucket over to their environmental Bucket which is a 18 cy bucket. Crew filled Sand Island barge by 10 PM. Crew then stopped dredging and work on the bucket welding up around the mesh screens are attached to the holes on bucket. Crew started dredging again at noon today filling the Swan Island</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO

12/15

Ukwenga Oleru Project Representative (Date)

Randall Brunke, Construction Inspector (Date)

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	November 25, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First / Second			X				

Weather	Clear	X	Overcast	Fog	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85
Wind	Calm	X	Moderate	High		
Humidity	Dry		Medium	X Humid		

Name of Visitors: **Company** **Purpose of Visit**

Work Description Summary	Labour	Equipment	Materials
<p>Instructed by King County to confine dredging to daytime shifts only.</p> <p>Resumed dredging Area B. Stn. 09+54 to 11+54, offsets +64 to + 74.</p> <p>Trial use of environmental bucket to determine if water quality would improve.</p> <p>Construction hydrographic survey continues.</p> <p>Norton Bay Tug delivered Sand Island to Pier 25 at 11:15</p> <p>Norton Bay Tug delivered Swan Island to Pier 25 at 17:08</p> <p>Began dredging: 05:50</p> <p>Finished dredging: 15:30</p>	<p><u>Miller</u> <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson</p> <p><u>McAmis</u> <u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long</p> <p><u>Tug Crew:</u> Brian Bammer Joe Vitaljic</p> <p><u>Survey</u> John Hasall Mike Doratti</p>	<p>Survey Boat Crew Boat Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island</p>	<p>Nil</p>

Initials of Miller representative





**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
Year	Month	Day	Inspector			
2003	11	26	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Crew on site this afternoon at 2PM. Crew changed out the dredge bucket from the Environmental Bucket back to the rock bucket. Crew started dredging today at approx. 2:40 PM. Crew slow down dredging today at the request of KC from approx 4 hours per barge to approx 8 hours per barge. This is to try and minimize the turbidity during dredging operations. Crew dredge from 2:40PM (11-26) to approx 1AM (11-27).</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug- Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2- Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	

URO

12/15

Ukwenga Oleru Project Representative (Date)

[Signature]

Randall Brunke, Construction Inspector (Date)

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

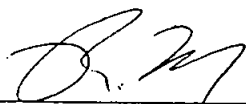
Date Work Performed:	November 26, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First				X			

Weather	Clear	X	Overcast	Fog	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85
Wind	Calm	X	Moderate	High		
Humidity	Dry		Medium	X	Humid	

Name of Visitors:	Company	Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging Area B. Stn. 11+54 to 12+60, offsets +74 to + 87.	Miller <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson	Survey Boat Crew Boat Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island	Nil
Shut down Nov. 27, 28, 29 for Thanksgiving holiday.			
Continued construction hydrographic survey.	McAmis <u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long		
Norton Bay Tug delivered Sand 14 Island to Pier 25 at 02:00 (Nov 27)	<u>Tug Crew:</u> Brian Bammer Joe Vitaljic		
Began dredging: 14:40 Finished dredging: 24:00	Survey John Hasall Mike Doratti		

Initials of Miller representative





QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 1, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First / Second		X					

Weather	Clear	X	Overcast	Fog	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85
Wind	Calm	X	Moderate	High		
Humidity	Dry		Medium	X	Humid	

Name of Visitors:	Company	Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
<p>No dredging. On stand-by until Terminal 25 transfer site is ready to take more dredgate.</p> <p>Continued construction hydrographic survey.</p>	<p>Miller <u>Supervision:</u> Tom Johnson Wes Yewell Rob Matheson</p> <p>Survey John Hasall Mike Doratti</p>	<p>Survey Boat Crew Boat</p> <p>STAND BY: Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island</p>	<p>Nil</p>

Initials of Miller representative *B. M.*



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	2	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
X						
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
X						
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
X						

Construction Activities:	<p>.Crew on site at 6AM this morning. Crew started dredging at 7:17AM. Dredging started off slow today as crew had a problem with their GPS system. Apparently the internal battery went dead and they lost some of their programs. Crew working on GPS to get it back up to 100%. Dredge until approx 9:30AM and shut down while crew worked on the GPS system. Crew repaired GPS system and resumed dredging at 11:04AM Crew stopped at 12:20PM today as they had to pull their barge out of the way to allow for vessel traffic. Crew resume dredging at 12:57PM. Crew completed dredging activities today 7PM and sent the Sand Island to T-25 See Attached Miller Report</p>
	<p>Dredge- Crystal Gayle Tug- Norton Bay Tug- Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2- Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	KC lab on site to take water test. Crew tested flood and ebb tide today

UERO 12/15

Ukwenga Oleru Project Representative (Date)

Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	3 (NOAA) on site Colin Wagonner 3 (DOE) on site Rick Huey	
Equipment Used	1	

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 2, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First			X				

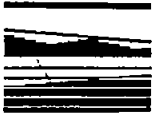
Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69		70-85	Over 85
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging Area B. Stn. 12+67 to 12+97, offsets +90 to + 93. Shifted to 08+27 to 08+90, offsets +90 to +112 Continued construction hydrographic survey. Norton Bay Tug delivered Sand Island to Pier 25 at 20:00 Began dredging: 7:00 Finished dredging: 19:15	<u>Miller</u> <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson <u>McAmis</u> <u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long <u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko <u>Survey</u> John Hasall Mike Doratti	Survey Boat Crew Boat Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island	Nil

Initials of Miller representative





KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	3	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
			X			
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>.Crew on site this morning at 6PM. Crew performed maintenance on equipment and did not start dredging until 8:17AM. Crew loading the Swan Island working in area B in the outboard area. Crew completed to date dredging area B (approx 12:30PM). Crew moved downstream to area A. Crew had to move/adjust barge anchors. Crew set up and started dredging (2PM) in area A at the downstream inshore area. Crew dredged today until 6pm today. Miller surveyor crew on site this afternoon to survey area B See Attached Miller report</p>
	<p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	KC lab on site for water testing. Crew tested on flood and ebb tide today
Work Rejected:	
Instructions Given to	

UDO 12/15
Ukwenga Oleru Project Representative (Date)

Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER: 050
CONTRACT NUMBER: #C83235C**

Contractor & Changes Initiated:		
Visitors to Site	Colin Wagoner (NOAA)	
Equipment Used	1	

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 3, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First				X			

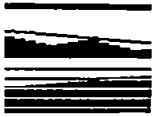
Weather	Clear	X	Overcast	Fog	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85
Wind	Calm	X	Moderate	High		
Humidity	Dry		Medium	X	Humid	

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging Area B. Stn. 10+57 to 11+67, offsets +101 to +109. Shifted to dredging Area A. Stn. 00+82 to 01+13, offsets -64 to -63 Continued construction hydrographic survey. Norton Bay Tug delivered Swan Island to Pier 25 at 18:00 Began dredging: 08:16 Finished dredging: 17:30	<u>Miller</u> <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson <u>McAmis</u> <u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long <u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko <u>Survey</u> John Hasall Mike Doratti	Survey Boat Crew Boat Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island	Nil

Initials of Miller representative

B. M.



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Dumasish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Hartford Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	4	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
					X	
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Crew on site this morning at 6AM. Crew performed maintenance on equipment first thing and started dredging at 6:40 AM in area A. Crew completed dredging to at 3:15 pm and sent the Sand Island to T25 See attached Miller report</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	K C lab on site to take water samples at flood tide
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	Colin Wagoner (NOAA) Patricia Miller (USACE)

URO 12/15
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER: 050
CONTRACT NUMBER: #C83235C**

	Kym Takasaki (USACE)	
Equipment Used	1	

QC 3A - DAILY OPERATIONS INFORMATION

DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 4, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First					X		

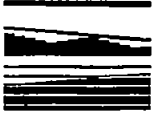
Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69		70-85	Over 85
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors:	Company	Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging Area A. Stn. 00+95 to 02+74, offsets -60 to -56.	<u>Miller</u> <u>Supervision:</u> Randy Daggett Len Miller Wes Yewell Rob Matheson	Survey Boat Crew Boat Dredge - Crystal Gayle Tug - Norton Bay Tug - Loren M Barge - Sand Island Barge - Swan Island	Nil
Continued construction hydrographic survey.			
Norton Bay Tug delivered Sand Island to Pier 25 at 16:30	<u>McAmis</u> <u>Supervision</u> Craig Chartrand		
Began dredging: 06:35	<u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long		
Finished dredging: 15:00	<u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko		
	<u>Survey</u> John Hasall Mike Doratti		

Initials of Miller representative





KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2003 12 5 rb

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
X

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish/ Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Crew on site this morning to resume dredging in area A Crew started dredging at 6:25AM. Crew stopped at approx 10:15AM for maintenance. Crew resume dredging at 11:30AM. Len (Miller) asked about the discharge pipes at the siphon pipe structure. He noted turbidity coming out the end of pipe (cso/sd?) They are dredging downstream of the pipe and was concerned that this flow might affect our testing. Inspected siphon pipe structure and found a plum of dirty looking water in front of structure which appears to be coming from structure possibly from CSO/SD pipe at structure. Stopped dredging at 12:23PM with a full barge (Swan Island)</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug- Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2- Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	KC Lab on site for water testing at aprox 12:40PM. Crew conducted test after dredging activities were complete.
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	
Visitors to Site	Kym Takasaki (USACE) taking photos

URO 12/15
Ukwenga Oleru Project Representative (Date)

Randall Brunke, Construction Inspector (Date)

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 5, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First						X	

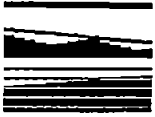
Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85	
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors:	Company	Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging Area A. Stn. 02+74 to 03+70, offsets -67 to -57.	Miller <u>Supervision:</u> Randy Daggitt Len Miller Wes Yewell Rob Matheson	Survey Boat Crew Boat Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island	Nil
Continued construction hydrographic survey.			
Norton Bay Tug delivered Swan Island to Pier 25 at 16:00	McAmis <u>Supervision</u> Craig Chartrand <u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long		
Began dredging: 06:15	<u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko		
Finished dredging: 12:40	Survey John Hasall Mike Doratti		

Initials of Miller representative





KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	8	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	
	<p>.Crew on site this morning at 6AM. Crew working on maintenance. Crew started dredging in area A at 6:30 AM this morning. Stopped dredging at 9:30AM maintenance Resume at 10AM Stopped at 11:06AM maintenance Resumed 12 noon Noted 3 full buckets (12:10PM), however crew did not stop. Contacted Miller and they stopped for 5 minutes. This was after 4th bucket (4th bucket was not overfilled). Crew dredged up a large chain at approx 12:40PM and dragged it around a bit and brought it up on the Loren M. This is approx the same time KC lab was starting their water test Noted today that crew is getting quit a few overfilled bucket (2 in 4) Contacted Len (Miller) and told him that we were getting to many overfilled bucket and he needed to do something to stop getting overfilled buckets. Contacted Ukwenga Oleru and informed him of the dredging activities. Crew completed filling Sand Island at 2PM and left for T-25 Sand Island was filled in approx 5 hours today Crew brought back the Swan Island at 4PM and started dredging at 4:05 PM Did not witness any full buckets while filling the Swan Island Crew stopped dredging at 5:44PM</p> <p>Dredge- Crystal Gayle Tug- Norton Bay</p> <p>1- Supervisor 3- Dredge Crew</p>

U/R/O 12/15/03

Ukwenga Oleru Project Representative (Date)



Randall Brunke, Construction Inspector (Date)



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

	Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat	2-Tug crew 2- Survey Crew
Miscellaneous:		
Safety/Accidents:		
Problems Encountered & Resolutions:		
Test Conducted:	KC Lab on site today to take water samples crew sample flood and ebb tides today	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Colin Wagoner (NOAA) BJ (DRC) on site at approx 12:25 PM (did not check in at the office) She report to UO that she saw 8 out of 10 buckets were overfilled	
Equipment Used	1	

QC 3A - DAILY OPERATIONS INFORMATION

DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT


Date Work Performed:	December 8, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First		X					

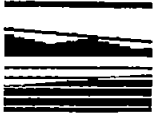
Weather	Clear	X	Overcast	Fog	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85
Wind	Calm	X	Moderate	High		
Humidity	Dry		Medium	X	Humid	

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging Area A. Stn. 03+70 to 04+98, offsets -50 to -59.	<u>Miller</u> <u>Supervision:</u> Randy Daggitt Len Miller Wes Yewell Rob Matheson	Survey Boat Crew Boat Dredge - Crystal Gayle Tug - Norton Bay Tug - Loren M Barge - Sand Island Barge - Swan Island	Nil
Continued construction hydrographic survey.			
Norton Bay Tug delivered Sand Island to Pier 25 at 15:00	<u>McAmis</u> <u>Supervision</u> Craig Chartrand		
Began dredging: 06:30	<u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long		
Finished dredging: 17:30	<u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko		
	<u>Survey</u> John Hasall Mike Doratti		

Initials of Miller representative





KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	9	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
			X			
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
	X					
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:

.Crew on site this morning at 6PM
Crew started dredging at 6:25AM filling the Swan Island.
Crew appears to be dredging slower then yesterday
It was reported to me by Len (Miller) that when they retrieved there barge (Swan Island) from T-25 on 12-8-03 (afternoon) the barge received damage. According to Len the aprons that span the dock to the barge rest on the rail and when they pulled away the apron slammed down on the barge lip and damaged the barge.
Miller Survey crew on site this morning (approx. 9:15AM) to survey area B
Len (Miller) notified me at approx. 10:14AM that they have noticed a shin on the surface of the water around the dredge. He said that will notify the Coast Guard and EPA.
Crew stopped dredging at 10:20AM due to the presents of the shin
Crew stocking up on extra oil containment boom material and taking o barge
Len (Miller) asked direction from KC on how to proceed as they seen the oil shin as a differing site condition. Len informed me that there crew is on standby until direction from KC
Miller (Len) informed that the Coast Guard told then it was okay to continue to dredge with caution. Informed Tom Dean and he instructed me to direct Miller to go ahead and resume dredging at 12:20PM. Due to a shin in the water on the barge Miller will not fill the barge completely allowing water in the barge to go through the dewatering stand pipes. Miller will take partially filled barge to T-25. This barge will probably have excess free water which will need to be handled at T-25. Informed Len (Miller) of how to proceed and gave them the above stated direction.
Crew resumed dredging at 1:05 PM Stopped Dredging at 1:30PM. Barge was approx. 90% full. Barge was delivered to T-25 around 6PM
Rick Huey (DOE) called and asked about our shining that was reported to DOE and Coast Guard
Informed Him that Coast Guard gave us the go ahead to dredge with caution and explained briefly Miller's spill response plan. He seemed to be okay in what we did.
Crew moved their anchors for repositioning for dredging tomorrow.
Len (Miller) Informed me that he talk to Steve (Wilder) and said that Miller would not br able to get their barge from T-25 until 6PM tonight due to offloading issues.

UR O 12/15/03

Ukwenga Oleru Project Representative (Date)

[Signature]

Randall Brunke, Construction Inspector (Date)



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

	Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat		1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew
Miscellaneous:	It was noted at approx 9:15AM a pleasure boat was in the dredging area and appeared to be taking pictures/videos		
Safety/Accidents:			
Problems Encountered & Resolutions:			
Test Conducted:	KC lab on site to perform water testing. Crew only tested once today due to the stoppage caused by the oil shin, not having enough dredge time		
Work Rejected:			
Instructions Given to Contractor & Changes Initiated:			
Visitors to Site	Patricia Miller, Kym Takasaki, Bob Parry all from USACE		
Equipment Used	1		

QC 3D - MISCELLANEOUS CORRECTIVE ACTION REPORTS
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date of Incident:

December 9, 2003

Superintendent:

Len Miller

1. CAUSE FOR CORRECTIVE ACTION

While dredging in Area A, approximate station 04+50, offset -60', a oil sheen was observed on the water surface at 10:00 AM. The sheen was approximately 400' long and 40' wide. The substance in the water originated from the dredged sediment or possibly an adjacent storm sewer outfall.

2. OPERATIONAL RESPONSE

- Stopped dredging at approximately 10:00 AM.
- Attempted to collect sheen on the river with a oil absorbent boom.
- Restarted dredging at approx 12:15 PM at the same location. Partially filled barge was sent to Pier 25. Rebanco to remove and treat water contained in hopper barge. Notified US Coast Guard of intention to restart.
- Relocated to new area with fresh barge.

NOTIFICATIONS

King County: Project Rep. Randy Brunke

US Coast Guard: reference # 707-574

Washington State DOE: reference # 03-3096

3. CORRECTIVE ACTION TAKEN

- Relocated to new cut. Will avoid the area where sheen was created until advised by King County.

Initials of Miller representative _____

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 9, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First			X				

Weather	Clear	X	Overcast	Fog	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85
Wind	Calm	X	Moderate	High		
Humidity	Dry		Medium	X	Humid	

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging Area A. Stn. 04+98 to 05+00, offsets -55 to -59. Continued construction hydrographic survey. Norton Bay Tug delivered Swan Island to Pier 25 at 15:00 Began dredging: 06:20 Finished dredging: 13:40	<u>Miller</u> <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson <u>McAmis</u> <u>Supervision</u> Craig Chartrand <u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long <u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko <u>Survey</u> John Hasall Mike Doratti	Survey Boat Crew Boat Dredge - Crystal Gayle Tug - Norton Bay Tug - Loren M Barge - Sand Island Barge - Swan Island	Nil

Initials of Miller representative





KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
<u>Year</u>	<u>Month</u>	<u>Day</u>	<u>Inspector</u>			
2003	12	10	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
<u>Clear</u>	<u>PC</u>	<u>Overcast</u>	<u>Fog</u>	<u>Rain</u>		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Crew on site this morning at 6PM Crew started dredging (Sand Island) at 6:25AM Crew completed Dredging the Sand Island at 1:50PM It was reported by Craig (McAmis) Miller's sub that the Sand Island was brought back from T-25 with approx. 375 c.y of material still in barge. They went to T-25 at 6PM last night and retrieved this barge. Miller surveyors on site today to survey dredging Crew brought up the Swan Island at 1:55PM. Crew started dredging for the Swan Island at 2:06 PM. Crew stopped at 3PM for maintenance. Crew resumed dredging at 4:10PM Crew stopped dredging at 6:36PM and will resume filling Swan Island in the morning.</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug- Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2- Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	KC lab on site to take water samples. Tested this on ebb tide. Was unable to test this afternoon's flood tide because dredging was down for maintenance

U Oleru

12/18/03

Ukwenga Oleru Project Representative (Date)

Randall Brunke

Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	BJ Cummings (DRC) was on site this morning but did not check in at the office Patricia Miller and Dennis Mekker (USACE)	
Equipment Used	1	

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

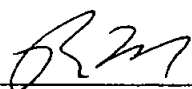
Date Work Performed:	December 10, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First				X			

Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69		70-85	Over 85
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
<p>Resumed dredging at NW corner of Area A. Stn. 00+70 to 20+05, offsets --7 to -8.</p> <p>Continued construction hydrographic survey.</p> <p>Norton Bay Tug delivered Sand Island to Pier 25 at 12:00</p> <p>Began dredging: 06:20</p> <p>Finished dredging: 18:45</p>	<p>Miller <u>Supervision:</u> Tom Johnson Randy Daggett Len Miller Wes Yewell Rob Matheson</p> <p>McAmis <u>Supervision</u> Craig Chartrand</p> <p><u>Dredge Crew:</u> Del Thompson Steve Barnes Fred Long</p> <p><u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko</p> <p>Survey John Hasall Mike Doratti</p>	<p>Survey Boat Crew Boat Dredge - Crystal Gayle Tug - Norton Bay Tug - Loren M Barge - Sand Island Barge - Swan Island</p>	<p>Nil</p>

Initials of Miller representative





KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	11	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
					X	
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>.Crew on site at 6AM this morning. Crew is down this morning working on the crane brake system Crew resumed dredging for the Swan Island at 8:04AM Stopped dredging 9:32 AM. The operator had to leave the barge and leave the site. Resumed dredging at 9:45AM. Crew completed filling the Swan Island at 11:11AM Crew changing out barges and maintenance ; began swapping barges at 11:18AM Resumed Dredging area A with the Sand Island at 12:00PM crew was down for 20Min around 2:30PM. Stopped at 5:38PM. Resumed at 6:04PM Crew stopped at 7:47PM</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
	<p>A WDFW research vessel worked in the vicinity of the dredge after (9:15AM). And talked to crew about something</p>
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	<p>KC lab on site to do water test at 9:20AM. Crew was able to test before the crew had to shut down but not by much. Crew tested ebb and flood today</p>
Work Rejected:	
Instructions Given to	

Ukwenga Oleru

12/18/03

Ukwenga Oleru Project Representative (Date)

Randall Brunke

Randall Brunke, Construction Inspector (Date)

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 11, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First					X		

Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69		70-85	Over 85
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors:	Company	Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging at Stn. 02+05 to 03+62, offsets 5' to 6'.	Miller <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson	Survey Boat Crew Boat Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island	Nil
Continued construction hydrographic survey.			
Norton Bay tug delivered Swan Island to Pier 25 at 12:30.	McAmis <u>Supervision</u> Craig Chartrand		
Norton Bay tug delivered Sand Island to Pier 25 at 21:30	<u>Dredge Crew:</u> Del Thompson John Morgan Steve Jarrell <u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko <u>Survey</u> John Hasall Mike Doratti		

Initials of Miller representative





**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	12	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
						X
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Crew on site at 6AM Crew started filling the Swan Island with Area A dredge spoils at 6:35AM. Work is currently between (Dredge Plan) app. sta. 4+00 to 7+00. Crystal Gayle down for maintenance, oiling at 08:50AM. Inspection by contractor found critical damage to the main friction brakes. Dredging work did not resume until 2:50PM Crew completed dredging the Swan Island at 8:00PM</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	KC lab on site this afternoon to take water test. Due to contractor being down this morning no test was performed.
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	

Ukwera

Ukwera Oleru Project Representative (Date)

12/18/03

Randall Brunke

Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER: 050
CONTRACT NUMBER: #C83235C**

	Survey Boat Crew Boat	
Miscellaneous:		
Safety/Accidents:		
Problems Encountered & Resolutions:		
Test Conducted:	KC lab on site for testing today. Crew tested two times today.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:	Informed Len (Miller) that the Flood and ebb tide water quality test show reading above maximum allowed and they needed to adjust dredging activities	
Visitors to Site		
Equipment Used	1	

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 12, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First						X	

Weather	Clear	X	Overcast	Fog	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85
Wind	Calm	X	Moderate	High		
Humidity	Dry		Medium	X	Humid	

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
Continued dredging at Area A. Stn. 03+62 to 04+12, offsets 5' to 6'.	Miller <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson	Survey Boat Crew Boat Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island	Nil
Continued construction hydrographic survey.			
Norton Bay Tug delivered Swan Island to Pier 25 at 21:00	McAmis <u>Supervision</u> Craig Chartrand		
Began dredging: 06:15	<u>Dredge Crew:</u> Del Thompson Steve Jarrell		
Finished dredging: 20:10	<u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko		
	Survey John Hasall Mike Doratti		

Initials of Miller representative





**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish/ Diagonal Sediment Remediation Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED: 0600hrs.

TIME WORK STOPPED: 1630hrs.

<u>Date</u>						
Year	Month	Day	Inspector			
2003	December	13	Keith N.			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
X						
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>"Crystal Gayle" resumed short term dredging (barge Sand Island) where they left off in Area A yesterday at 0715hrs.</p> <p>"Crystal Gayle" began shifting anchors and moving S. to Area B after 0830hrs. (High tide @ 12.3' occurred during the move). Dredging work proceeded N. to S. in Area B (app. Dredge Plan start at sta. 9+00 to 10+00) began after 0924hrs. and stopped at 1010hrs. for a anchor shift to a position further offshore. Dredging resumed 1045hrs. and proceeded with only intermittent stops until 1315hrs. when "Crystal Gayle" anchors were shifted, and for routine maintenance work. Dredging resumed after 1405hrs. Dredging in Area B ended at 1520hrs. The "Crystal Gayle" then moved N. to Area A to end the work day at 1630hrs.</p>
Miscellaneous:	
Safety/Accidents:	No work related accidents were reported to KC by the Contractor.
Problems Encountered & Resolutions:	This morning, the Contractor (Craig) reported onboard survey equipment (primarily the depth finder) was giving back "strange" readings. The surveyor arrived after 0720hrs. to troubleshoot the program. Dredging ceased around 0730hrs. while the surveyor worked on the program.
Test Conducted:	Ebb tide turbidity tests taken by KCEL after 1145hrs.
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	No field directives were given to the Contractor this day.

Ukwenga Oleru 12/31/03
Ukwenga Oleru, Project Representative (Date)

Keith Nordlund 12/13/03
Keith Nordlund, Construction Inspector, 12/13/03



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER: 1

CONTRACT NUMBER: #C33027C

Visitors to Site	Bob, KCEL; Tom Johnson, JJM; Ukwenga Oleru, KC	
Equipment/ Personnel	Dredge "Crystal Gayle"	1- Supervisor
	Tug "Norton Bay"	3- Dredge Crew
	Tug "Loren M"	2-Tug crew
	(2)Barges "Sand Island", "Swan Island"	2- Survey Crew
	Survey Boat, Crew Boat	

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 13, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First							X

Weather	Clear	X	Overcast	Fog	X	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69		70-85	Over 85
Wind	Calm	X	Moderate	High			
Humidity	Dry		Medium	X	Humid		

Name of Visitors: Company Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
<p>Shifted back to Area B for cleanup of high spots. Dredging at Stn. 08+52 to 12+77, offsets 4' to 105'.</p> <p>Continued construction hydrographic survey.</p> <p>Began dredging: 09:15 Finished dredging: 15:10</p>	<p>Miller <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson</p> <p>McAmis <u>Supervision</u> Craig Chartrand <u>Dredge Crew:</u> Del Thompson Steve Jarrell</p> <p><u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko</p> <p>Survey John Hasall Mike Doratti</p>	<p>Survey Boat Crew Boat Dredge – Crystal Gayle Tug – Norton Bay Tug – Loren M Barge – Sand Island Barge – Swan Island</p>	<p>Nil</p>

Initials of Miller representative





KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	15	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
	X					
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:

Crew on site this morning at 6AM
Crew started dredging for the Sand Island at 6:47AM. The Sand Island was used to dredge on Saturday the 13th to clean up area B. The barge had a lot of free water from Saturday's dredging as they had a lot of clean up passes.
Crew started today dredging the buffer zone between area A and area B
Crew stopped dredging at 9:25AM resume at 9:30AM
Barge has water almost up to the rail (5 to 6 inches) while still loading the barge
It appeared that they did something to one of their dewatering pipes and the water in the barge went down about a foot. Talked to Len from Miller and told him that we need to make sure that we do not spill water over the side of the rail and need to maintain our dewatering system to make sure we do not discharge untreated water back into the river.
Crew completed filling the Sand Island at 10:33AM and the Swan Island is on site to pull into position next to dredge. Crew also is greasing the rig at this time (11AM)
Sent Sand Island to T-25 at 11AM. Crew resume dredging at 12:05PM. Stopped for a short while to move the dredge S. to Area B. Resumed dredging at Contractor Survey indicated high spots from 12:25PM to 1:10PM. Crystal Gayle anchors were moved further South. Resumed dredging at 1:34PM. Contractor continued moving and spot contour dredging until app. 1800hrs. The work day ended near Dredge Plan Sta. 13+80.

Dredge- Crystal Gayle
Tug- Norton Bay
Tug-Loren M
Barges Sand Island/ Swan Island

1- Supervisor
3- Dredge Crew
2-Tug crew
2- Survey Crew

Ukwenga Oleru 12/18/03
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)

QC 3A - DAILY OPERATIONS INFORMATION
DUWAMISH/DIAGONAL SEDIMENT REMEDIATION PROJECT

Date Work Performed:	December 15, 2003	Sun	Mon	Tue	Wed	Thu	Fri	Sat
Shift:	First		X					

Weather	Clear	X	Overcast	Fog	Rain	Snow
Temperature (°F)	Up to 32	X	32-50	51-69	70-85	Over 85
Wind	Calm	X	Moderate	High		
Humidity	Dry		Medium	X	Humid	

Name of Visitors:	Company	Purpose of Visit

Work Description Summary	Labour	Equipment	Materials
<p>Shifted into Area A for to dredge buffer area between Area A and B. Dredging at Stn. 07+89 to 11+59.</p> <p>Continued construction hydrographic survey.</p> <p>Norton Bay tug delivered Sand Island to Pier 25 at 11:55.</p> <p>Began dredging: 06:45 Finished dredging: 18:15</p>	<p><u>Miller</u> <u>Supervision:</u> Tom Johnson Randy Daggitt Len Miller Wes Yewell Rob Matheson</p> <p><u>McAmis</u> <u>Supervision</u> Craig Chartrand</p> <p><u>Dredge Crew:</u> Del Thompson Steve Jarrell</p> <p><u>Tug Crew:</u> Brian Bammer Joe Vitaljic Brian Polinkas Ted Yanko</p> <p><u>Survey</u> John Hasall Mike Doratti</p>	<p>Survey Boat Crew Boat Dredge - Crystal Gayle Tug - Norton Bay Tug - Loren M Barge - Sand Island Barge - Swan Island</p>	<p>Nil</p>

Initials of Miller representative

J. M.



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2003 12 16 rb

Day of the Week

Sat Sun Mon Tue Wed Thu Fri

X

Weather

Clear PC Overcast Fog Rain

X

X

Temperature

10-32 32-55 55-70 70-85 85+

X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Crew on site this morning at 6AM Crew started dredging at 6:39AM (Swan Island). Crew continue to dredge in area B inshore. Crew completed area B at approx. 7:20AM and move to the buffer zone in area A. Miller will do another survey in area B to see if they are done. Crew resume dredging area A buffer zone at 7:52AM. Crew stopped dredging at 9:35AM as the "Swan Island" was filled. The Sand Island was brought up to site and crew switched barges out to start filling the "Sand Island". Crew resumed dredging (Sand Island) in Area A (buffer zone) at 10:03AM. Work stopped to repair the parted closing line on the dredge bucket at 1050AM. "Crystal Gayle" resumed dredging at 12:10AM, and continued dredging with only short pauses until 5:00PM. with the filling of the "Sand Island".</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	Miller survey boat on site this morning at 9:15AM to verify Substantial Completion of dredging in Area B.
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	KC lab on site this morning at app. 8:30AM to take flood turbidity test. KC Ebb tide testing began at app. 1:30PM.

Ukwenga Oleru

1/21/04

Ukwenga Oleru Project Representative (Date)

Randall Brunke

(Randall Brunke, Construction Inspector (Date)



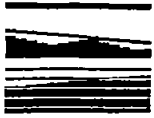
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

Work Rejected:		
Instructions Given to Contractor & Changes Initiated:	Informed Miller that the field flood tide water quality test showed turbidity was 4.8 over for the 300 foot bottom and they need to adjust their dredging activities	
Visitors to Site	Tom Johnson, Rob Matheson; JJM; Ukwenga Oleru, Pat Romber, Pricilla Hackney	
Equipment Used	1	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	17	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
X sunny						
<u>Temperature</u>						
10-32	32-55	55-70.	70-85	85+		
	X					

Construction Activities:	<p>Crew on site this morning (6AM) to resume dredging. Crew started dredging (Swan Island) at 6:36AM dredging the buffer zone in area A. Stopped at 8:20AM to 8:35AM to repair the tag line. At approx. 9:15 witnessed 3 full buckets. Crew stopped for 5 minutes /time out. This is when lab was testing. Stopped dredging at 9:45AM for maintenance. Resumed dredging at 10:17AM 3 overfilled bucket w/time out at 10:55AM stopped. Resumed from time out at 11:00AM Stopped at 11:07AM as crew cleaned side of the Swan Island and to get sun glasses It is sunny out. Dredging resumed at 11:26AM and ended with the completion of filling the "Swan Is." at App. 1:54PM. "Sand Is." was still being offloaded at Terminal 25. Due the Sand Island not be available to start filling after Swan Island was filled crew had to shut down dredging for the remainder of day/shift To date T-25 has received 4 full barges as of end of Wednesday.</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered &	

Ukwenga Oleru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)

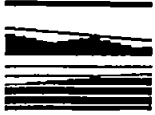


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER: 050
CONTRACT NUMBER: #C83235C**

Resolutions:		
Test Conducted:	KC lab on site water test (flood) at approx. 9AM; ebb tide testing began at app. 1:53PM.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Kym Takasaki (USACE); Pat Romber, KC; Tom Johnson, JJM; Rep. from Duwamish Coalition	
Equipment Used	1	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	18	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
					X	
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
X						
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Crew on site this morning at 6AM Crew started dredging (Sand Island) this morning at 6:40AM Crew had 3 overfilled buckets and stopped for 5 minutes to adjust dredging operations (6:50AM) Crew still having trouble getting overfilled buckets this morning. Talked to Craig (McAmis) and asked him to slow down and to not get the overfilled buckets Crew stopped for 5 minutes to try and adjust (8AM) Crew had 3 overfilled buckets at 11:05AM and took a 5 minute time out. Dredging stopped at that time, resumed 11:35AM, and stopped again at 11:50AM. "Crystal Gayle" moved S. to Area B to remove high spots in the grade found after the Contractor's most recent survey. Area B dredging resumed at app. 12:49PM. and ended at app. 1:30PM. with the "Sand Island" full. The "Swan Island" was still being offloaded at Terminal 25 (Rabanco was apparently having trouble getting a train earlier). The Dredge crew ended work for the day after returning to Area A at app. 2:00PM. Due to the swan Island not being available (still be offloaded at T-25) no more dredging was done this day/shift</p>												
	<table><tr><td>Dredge- Crystal Gayle</td><td>1- Supervisor</td></tr><tr><td>Tug- Norton Bay</td><td>3- Dredge Crew</td></tr><tr><td>Tug- Loren M</td><td>2- Tug crew</td></tr><tr><td>Barges Sand Island/ Swan Island</td><td>2- Survey Crew</td></tr><tr><td>Survey Boat</td><td></td></tr><tr><td>Crew Boat</td><td></td></tr></table>	Dredge- Crystal Gayle	1- Supervisor	Tug- Norton Bay	3- Dredge Crew	Tug- Loren M	2- Tug crew	Barges Sand Island/ Swan Island	2- Survey Crew	Survey Boat		Crew Boat	
Dredge- Crystal Gayle	1- Supervisor												
Tug- Norton Bay	3- Dredge Crew												
Tug- Loren M	2- Tug crew												
Barges Sand Island/ Swan Island	2- Survey Crew												
Survey Boat													
Crew Boat													
Miscellaneous:													

Ukwenga Oleru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Bruhke
Randall Bruhke, Construction Inspector (Date)



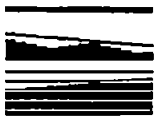
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

Safety/Accidents:		
Problems Encountered & Resolutions:		
Test Conducted:	KC lab on site to test 9AM.. Lab did not test the ebb tide today as crew was not dredging due to Swan Island not available.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Bob Hamilton (KC) 9AM to take pictures/video Patty Miller (USACE) Colin Wagoner (NOAA) DRC out in private Boat	
Equipment Used	1	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2003	12	19	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
						X
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>"Crystal Gayle" crew on site this morning at 6AM. Crew started dredging in Area A this morning at 6:30AM on the barge "Sand Island". Crew has dredged up debris this morning (ie logs) Some of the debris was dredged during water quality testing (around 9:40AM). Dredging continued with occasional stops for "overloaded bucket" penalties until 11:40AM. New work on the site ended at app. 1:00PM. Rabanco was not done emptying the "Swan Island". Due to the cleanup sequencing the Contractor needed for the barges, "Sand Island" delivery to Terminal 25 was delayed.</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Pilot Boat Lowren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	Miller survey crew on site to survey the Area A Buffer Zone that has now been substantially completed (to a width of app. 100')
Safety/Accidents:	
Problems Encountered & Resolutions:	At 11:40AM the Contractor stopped dredging to clear cable wrapped around the starboard prop. and shaft of the "Lowren M").
Test Conducted:	KC lab on site this morning at 9:30AM testing flood tide
Work Rejected:	
Instructions Given to Contractor & Changes Initiated:	

Ukwenga Oleru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

Visitors to Site	Tom Johnson, JJM; Colin ?, Rudolphini;	
Equipment Used	1	



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	January	7	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain/		
		X		snow		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
am	pm					

Construction Activities:	<p>.Dredge "Crystal Gayle" re-mobised to the site today at app. 11AM. The Contractor has been at another site in Tacoma, Wash. since 12-20-03.</p> <p>Crew reset their tide gauge, and set working anchors for soil removal in Area "A". The "Crystal Gayle" is working S. from app. Dredge Plan sta. 50+00, along the furthest lane out from shore (toe of the excavation).</p> <p>Dredging started today at 1:15PM filling barge "Sand Island", and stopped at 1:20PM. Resume at 1:50PM with only intermittent stops until the barge was filled at app. 10 PM.</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Skiff</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	<p>Barges Swan Island and Sand Island were inspected by KC at Terminal 25 (app. 12:00-12:45pm) in regards to a dewatering problem reported by Wilder/Rabanco during cleanup (12/19-20/03). Both "belly dump" style barges had been recently cleaned up by others. The inspector observed water ponded directly above the barge's keel jaws (with bulb compression seal), running the length of the storage compartment. The Contractor (T. Johnson, JJM)says that this water is app. 18" deep, and is <u>normal</u> for an empty "belly dump" barge until the barge is being loaded. The loading process completes the seating of the barge bulb seal. The inspector did not see anything that would refute that explanation for the water observed in the storage compartment.</p>

UROLeru 1/20/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)



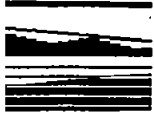
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

Safety/Accidents:		
Problems Encountered & Resolutions:		
Test Conducted:	KCEL did not test turbidity today as the Contractor started dredging too late in the afternoon.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site		
Equipment Used	1	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	8	Rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
					X	
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
				X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Crew on site this morning at 4 AM and started dredging at 5 AM. "Crystal Gayle" is filling the barge "Swan Island".</p> <p>Crew continued dredging in Area A, S. of Dredge Plan sta. 1+50. Crew dredging next to channel from downstream toward the Area A/B buffer zone. Crew stopped dredging at app. 10:15 AM for maintenance. Crew resumed at 11:00AM. Dredging continued with only intermittent stops until the "Swan Island" was filled at app. 3:45PM.</p> <p>The "Norton Bay" departed for Terminal 25 app. 2:20PM. to pick up the empty barge "Sand Island". "Swan Island" departed, and "Sand Island" was moved up to the Dredge at app. 4:00PM. Crew performed maintenance on the "Crystal Gayle" during the period immediately following the barge change. Filling of the "Sand Is." started app. 5:00PM. Dredging continued with only intermittent stops until 9:00PM.</p>
	<p>Dredge- Crystal Gayle Tug- Norton Bay Tug- Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2- Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	

U. R. Oleru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)



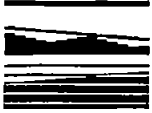
KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER: 050

CONTRACT NUMBER: #C83235C

Test Conducted:	KC lab on site this morning at 9:20AM to perform turbidity testing at Ebb tide. Flood tide turbidity testing was performed by KCEL between app. 1:30PM and 2:50PM.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:	Field Office Mtg. 1/7/04 between KC and JJM: The Contractor requested, and has been granted permission to work two eight hour per day shifts. The primary reason for this request is the addition of another Contractor using dock space at Terminal 25 in the near future. <u>Day shift</u> runs from 5:00AM to 2:00PM; <u>Night shift</u> runs between 2:00PM and 9:00PM. The Contractor will work through at least this upcoming Saturday, January 10, 2004 under this two shift agreement. Permission is not granted by KC for any Sunday work.	
Visitors to Site	Bob Parry, USACE; Ukwenga Oleru, KC/PR	
Equipment Used	1	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	9	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
						X
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
				X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:

Crew started dredging Day Shift at 5:00AM. Crew resumed filling the "Sand Island" that was started Thursday afternoon. Crew stopped dredging at 5:35AM. Crew resumed at 5:52AM. Crew stopped at 5:58AM. Crew resumed at 6:07AM. Crew stopped at 6:33AM. Crew resumed at 6:48 AM. Crew stopped at app. 9:25AM. Sand island is full and crew is waiting for the Swan Island to resume dredging. Swan Island on site at 10:13 AM. Crew started dredging for the "Swan Island" at 10:23AM. Stopped dredging at 11:22 AM. Started at 11:35 AM. Stopped at 12:08PM. Resumed at 12:19PM.

Night Shift started at 1:00PM. Contractor stopped for maintenance work on the "Crystal Gayle" between app. 3:30PM and 4:15PM. The Contractor continued with only occasional stops until app. 6:20 PM. when the Dredge reached a point near the previously excavated Area A/B buffer zone. The "Swan Island" was approximately 80% filled at that time. The Contractor relocated the "Crystal Gayle" to the Center excavation lane on the Dredge Plan, and resumed dredging at app. 7:08PM from sta 5+00 toward 7+00. At app. 7:30PM the "Norton Bay" left for Terminal 25 to pick up the "Sand Island". Dredge completed working on the "Swan Island" at 8:30PM. The "Norton Bay" returned with the Sand Island at app. that time for the switch.

Dredge- Crystal Gayle
Tug- Norton Bay
Tug- Loren M
Barges Sand Island/ Swan Island
Survey Boat
Crew Boat

1- Supervisor
3- Dredge Crew
2- Tug crew
2- Survey Crew

UROlem 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke 1/10/04 (for)
Randall Brunke, Construction Inspector (Date)



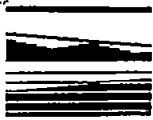
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

Miscellaneous:	Miller surveyors were on site during Day Shift to map dredging progress to date. JJM Survey crew was back on site at app. 7:00PM to help with the Dredge relocation.	
Safety/Accidents:		
Problems Encountered & Resolutions:		
Test Conducted:	KC lab on site at 9:30AM to test for turbidity . Lab had to wait app. 1 hour to test due to no dredging (barge was full and contractor waiting to change out barge). KCEL on site for afternoon Flood Tide turbidity testing at app. 3:20PM, and were on site until 4:45PM.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Colin Wagoner, NOAA Consult.; Len Miller, Rob Matheison, JJM	
Equipment Used	I	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	10	IK/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
X						
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		am	pm			
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<u>Day Shift: 5:00AM to 1:00PM</u>												
1:25 1:10 1:40 1:25 1:05 1:10	<p>Contractor started dredging into the "Sand Island" at app. 5:25AM and stopped at app. 6:40AM to move further S. in the Center Lane of Area A (Dredge Plan, sheet C-2). Dredging started again at app. 7:05AM and worked until app. 8:50AM with only occasional short "penalty stops". Dredge changed location, and dredged from app. 9:00AM until 9:35AM. Contractor stopped to perform routine maintenance until 10:15AM. Dredging resumed and stopped again at 10:35AM for the Contractor to apparently take measurements. Contractor resumed dredging at 10:50AM and stopped at 11:20AM due to Safety concerns about KCEL testing boat (refer Safety below). Dredging continued again at 11:25AM with only occasional "penalty stops" until 12:10PM. The Contractor then took a short break to "fox" their lines. Dredging resumed at 12:20PM, and continued with only occasional "penalty stops" through the end of this shift.</p> <p><u>Night Shift: 1:00PM to 9:00PM</u></p> <p>"Norton Bay" returned and stood by N. of the dredge with the "Swan Island" after app. 1:30PM. Contractor completed loading of the "Sand Island" at app. 2:10PM. Barges were swapped at that time. Dredging work stopped for maintenance at that time. Dredge began filling the "Swan Island" after app. 3:00PM. Dredging stopped again at 3:20PM while the crew worked on a new outboard motor on the work skiff. Dredging resumed after 3:40PM. and continued with only intermittent stops until app. 8:10PM, when the crew decided to stop dredging for the evening.</p> <table><tbody><tr><td>Dredge- Crystal Gayle</td><td>1- Supervisor</td></tr><tr><td>Tug- Norton Bay</td><td>3- Dredge Crew</td></tr><tr><td>Tug-Loren M</td><td>2-Tug crew</td></tr><tr><td>Barges Sand Island/ Swan Island</td><td>2- Survey Crew</td></tr><tr><td>Survey Boat</td><td></td></tr><tr><td>Crew Work Skiff</td><td></td></tr></tbody></table>	Dredge- Crystal Gayle	1- Supervisor	Tug- Norton Bay	3- Dredge Crew	Tug-Loren M	2-Tug crew	Barges Sand Island/ Swan Island	2- Survey Crew	Survey Boat		Crew Work Skiff	
Dredge- Crystal Gayle	1- Supervisor												
Tug- Norton Bay	3- Dredge Crew												
Tug-Loren M	2-Tug crew												
Barges Sand Island/ Swan Island	2- Survey Crew												
Survey Boat													
Crew Work Skiff													
Miscellaneous:	Miller surveyors were on site this morning to coordinate dredge movements, and map progress. Dredging work was inspected this Day Shift with help from Iha Khilfeh, KC/CM.												
Safety/Accidents:	The Contractor stopped dredging from 11:20AM to 11:25AM, due to their concerns that KCEL boat (conducting turbidity sampling) was operating in a "hot" work zone (within 150' on the												

UROLeru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke 1/10/04 (for)
Randall Brunke, Construction Inspector (Date)



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

	blind side of the dredge boom operator). Craig Chartrand, McAmis Supt., said that a similar incident was also reported by the "Crystal Gayle" operator yesterday afternoon. It was not reported to KC/CM. Craig reported that the dredge operator has made a radio request to the KCEL boat to "stand off", and at least radio the dredge before making moves within the dredge's Work Safety Zone.	
Problems Encountered & Resolutions:	Occasional banks of thick fog rolled into the site from app. 4:40PM until 6:15PM. It became difficult to see the "Crystal Gayle" and dredge bucket clearly (even with binoculars) at times.	
Test Conducted:	KCEL boat on site from 9:45AM to 11:30AM for Ebb Tide turbidity tests. KCEL boat returned to site after 2:30PM for attempt to take Flood Tide turbidity tests (Contractor had many dredging stops within the afternoon test window. Re: Construction Activities Sect. above). KCEL boat left the site at app. 4:15PM.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Rob Matheison, JJM (app. 3:00-4:00PM)	
Equipment Used		



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year Month Day Inspector
2004 1 11 IK/KN

Day of the Week

Sat Sun Mon Tue Wed Thu Fri
X

Weather

Clear PC Overcast Fog Rain
pm am

Temperature

10-32 32-55 55-70 70-85 85+
X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day Shift: 7:00AM to 3:30PM</p> <p>Contractor started dredging for the "Swan Island" at app. 7:30AM. Work started in Area B (Dredge Plan, sheet C-2) to pick up four high spots discovered during a recent survey (by Miller surveyors). Dredging proceeded slowly, with occasional stops (due to the nature of the high spot dredging, which required relocating the "Crystal Gayle") until app. 10:05AM. The Contractor returned to Area A to complete filling the hopper of the "Swan Island". Dredging resumed at app. 11:00AM. Contractor stopped dredging between 11:10AM and 11:25AM. Contractor continued dredging with only occasional "penalty stops" until app. 12:30PM, when the Dredge stopped for greasing and bucket maintenance. Dredging resumed at app. 1:09PM and continued with only occasional short "penalty stops" until the "Swan Island" was filled at app. 3:00PM.</p> <table><tr><td>Dredge- Crystal Gayle</td><td>1- Supervisor</td></tr><tr><td>Tug- Norton Bay</td><td>3- Dredge Crew</td></tr><tr><td>Tug-Loren M</td><td>2-Tug crew</td></tr><tr><td>Barges Sand Island/ Swan Island</td><td>2- Survey Crew</td></tr><tr><td>Survey Boat</td><td></td></tr><tr><td>Crew Work Skiff</td><td></td></tr></table>	Dredge- Crystal Gayle	1- Supervisor	Tug- Norton Bay	3- Dredge Crew	Tug-Loren M	2-Tug crew	Barges Sand Island/ Swan Island	2- Survey Crew	Survey Boat		Crew Work Skiff	
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Tug- Norton Bay	3- Dredge Crew												
Tug-Loren M	2-Tug crew												
Barges Sand Island/ Swan Island	2- Survey Crew												
Survey Boat													
Crew Work Skiff													
Miscellaneous:	JJM survey crew were on site this morning at app. 8:45AM to coordinate and confirm the status of dredging performed in Areas A and B. Terminal 25 began unloading the "Sand Island" this morning after 11:30AM.												
Safety/Accidents:													
Problems Encountered & Resolutions:	Contractor returned to dredge removal of soils where oil slick had previously developed just W. of an exist. 144" SD outfall. A small amount of new surface oil filming formed, and was minimally contained by the Contractor.												
Test Conducted:	KCEL boat on site from 10:30AM to 11:30AM for attempt to take turbidity tests.												
Work Rejected:													
Instructions Given to Contractor & Changes													

UROLem 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke, Construction Inspector (Date)



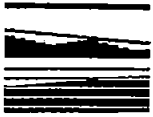
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

Initiated:		
Visitors to Site	R. Matheison, JJM (8:50AM.-12:40PM)	
Equipment Used		



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	12	rb			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
		X				
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Crew started dredging in Area A for the "Sand Island" this morning at app. 5:10AM. Crew stopped at app. 9:35am for maintenance. Crew resumed dredging at app. 10:07AM. Crew stopped at app. 10:45AM. Crew resumed at app. 10:55AM.</p> <p>Night Shift: "Crystal Gayle" continued excavation from the Center Lane of Area A working S. from app. Dredge Plan sta. 5+00. The "Sand Island" was filled at app. 1:45 PM. "Norton Bay" returned with the "Swan Island", and tied up on the Starboard side of the dredge at app. 1:50PM. Dredging resumed after a short break period at app. 2:05PM, and continued with only occasional short stops until app. 5:00PM, when the crew took a maintenance break. Dredging resumed at app. 5:27PM, and continued with only occasional short "penalty" stops, or to move the "Crystal Gayle", until 8:50PM when the "Swan Island" was filled.</p> <p>Dredge- Crystal Gayle Tug- Norton Bay Tug-Loren M Barges Sand Island/ Swan Island Survey Boat Crew Boat</p> <p>1- Supervisor 3- Dredge Crew 2-Tug crew 2- Survey Crew</p>
Miscellaneous:	
Safety/Accidents:	
Problems Encountered & Resolutions:	
Test Conducted:	KC lab on site at 10:45AM to take turbidity test. <u>No turbidity test</u> was taken by KCEL on Night

UROleru 1/21/04

Ukwenga Oleru Project Representative (Date)

Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

**REPORT NUMBER: 050
CONTRACT NUMBER: #C83235C**

	shift, as the "window" for the testing was well after Sunset (per Jean, KCEL).	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	K. Takasaki, USACE; T. Johnson, JJM	
Equipment Used	1	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year	Month	Day	Inspector			
2004	1	13	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
X						
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
X				X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
X						

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day Shift: 5:00AM to 1:00PM</p> <p>"Crystal Gayle" crew started dredging into the "Sand Island" this morning at app. 5:10AM, in Area A, between Dredge Plan sta. 6+00 and previously excavated "buffer zone". Crew stopped dredging at app. 6:45AM. Crew resumed dredging at app. 7:04AM. Crew stopped at app. 9:00AM for maintenance. Crew resumed dredging at app. 9:25AM, and continued excavating with only occasional stops until the end of this shift at 1:00PM.</p> <p>Miller surveyors on site today mapping out dredge area.</p> <p>Night Shift: 1:00PM to 9:00PM</p> <p>Contractor continued dredging work on the "Sand Island" until it was filled at app. 1:45PM. "Norton Bay" had already been dispatched to Terminal 25 to pick up the "Swan Island". "Swan Island" was tied up on the starboard side of the Dredge at 1:50PM, and filling began app. 2:15PM. Norton Bay left with the "Sand Island" for Terminal 25 at app. 2:00PM. It returned at app. 3:30PM. Dredging continued until 7:15PM break. Dredging resumed at 7:36PM, and continued with only occasional short stops until 9:00PM.</p> <table><tr><td>Dredge- Crystal Gayle</td><td>1- Supervisor</td></tr><tr><td>Tug- Norton Bay</td><td>3- Dredge Crew</td></tr><tr><td>Tug-Loren M</td><td>2-Tug crew</td></tr><tr><td>Barges Sand Island/ Swan Island</td><td>2- Survey Crew</td></tr><tr><td>Survey Boat</td><td></td></tr><tr><td>Crew Boat</td><td></td></tr></table>	Dredge- Crystal Gayle	1- Supervisor	Tug- Norton Bay	3- Dredge Crew	Tug-Loren M	2-Tug crew	Barges Sand Island/ Swan Island	2- Survey Crew	Survey Boat		Crew Boat	
Dredge- Crystal Gayle	1- Supervisor												
Tug- Norton Bay	3- Dredge Crew												
Tug-Loren M	2-Tug crew												
Barges Sand Island/ Swan Island	2- Survey Crew												
Survey Boat													
Crew Boat													
Miscellaneous:													
Safety/Accidents:													
Problems Encountered & Resolutions:													
Test Conducted:	KCEL on site after 11: AM to take Ebb Tide turbidity tests. Night Shift tests were not taken.												
Work Rejected:													
Instructions Given to Contractor & Changes	Pre-Cap Conference was held this day after 11:30AM at the Site Office. The primary items of discussion were upcoming capping operations and schedule for capping, post-dredge and post-												

UR Oleru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

Initiated:	cap surveys. JJM also made initial submittal of capping materials and confirmation was requested that capping materials testing was being performed.	
Visitors to Site	Bruce McDonald, AE; Tom Johnson, Rob Matheison, Cameron McIntosh, JJM (left site @1:30PM); Craig Chartrand, McAmis (left site @4:00PM) Ukwenga Oleru, KC/CM; Colin Wagoner (NOAA Consult.), Marla Steinhoff (sp.?), NOAA (2:30-3:30PM).	
Equipment Used	1	



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	14	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
				X		
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:

Day Shift: 5:00AM to 1:00PM

Crew started dredging this morning at app. 5:12 AM. Crew resumed filling the "Swan Island", which started yesterday afternoon. Crew stopped dredging at app. 6:20AM to turn around "Swan Island" with the bow downstream. Crew resumed dredging at app. 6:50AM, and continued until the "Swan Island" was filled at app. 8:30AM. Crew moved out the "Swan Island" and brought in the "Sand Island" at app. 8:40AM. That barge was tied up on the Starboard side of the Dredge.

Dredge began filling the "Sand Island" at app. 9:03AM. "Crystal Gayle" is dredging in Area A, S. from Dredge Plan sta. 5+90 toward the shore side of base line. Crew moved upstream anchors at app. 9:07AM. Dredging stopped during anchor movement. Dredging resumed at app. 9:14AM. Dredging stopped from app. 9:50AM to app. 10:10AM for maintenance. Dredging stopped at app. 10:42AM to reposition "Crystal Gayle". Dredging resumed at 10:52AM. Dredging stopped at app. 11:35AM to reposition barge. Dredging resumed at app. 11:43AM.

Crew stopped at app. 12:45PM for crew shift change.

Night Shift: 1:00PM to 9:00PM

"Crystal Gayle" upstream anchors were repositioned. "Norton Bay" pulled off the job to run errand for their Company after 1:00PM. Dredging resumed on the "Sand Island" at app. 1:10PM. "Norton Bay" returned to the Dredge at app. 2:49PM. Dredging continued with only occasional short stops until 3:35PM. Contractor took a maintenance break until app. 4:15PM. "Norton Bay" was dispatched to Terminal 25, at approximately that time, to pick up the "Swan Island". Dredging continued until the "Sand Island" was filled at app. 5:35PM. By app. 5:45PM, the "Norton Bay" had brought up the "Swan Island" on the Starboard side of the "Crystal Gayle", and dredging resumed immediately. Dredging stopped at app. 6:30PM and resumed again at app. 6:45PM. Dredging continued with only occasional stops until 9:00PM.

UOheru

Ukwenga Oleru Project Representative (Date)

1/21/04

[Signature]

Randall Brunke, Construction Inspector (Date)

[Signature] 1/21/04



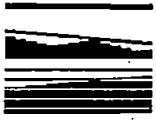
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

	Dredge- "Crystal Gayle" 1- Supervisor Tug- "Norton Bay" 3- Dredge Crew Tug- "Loren M" 2-Tug crew Barges- "Sand Island"/ "Swan Island" 2- Survey Crew Survey Boat Crew Skiff	
Miscellaneous:	Miller surveyors on site this morning mapping and updating information on dredging work in Area A. Craig Chartrand, McAmis, left site at app. 6:21PM.	
Safety/Accidents:		
Problems Encountered & Resolutions:		
Test Conducted:	Blue Water Surveyors (Anchor Environmental) on site this morning to survey Area (B) KC lab on site this morning to take turbidity test at Flood Tide. KCEL on site just after noon to test turbidity at Ebb Tide.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Rob Matheison, JJM(4:40PM-5:25PM)	
Equipment Used		



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>					
Year	Month	Day	Inspector		
2004	1	15	rb/KN		
<u>Day of the Week</u>					
Sat	Sun	Mon	Tue	Wed	Thu
					X
<u>Weather</u>					
Clear	PC	Overcast	Fog	Rain	
		X		X	
<u>Temperature</u>					
10-32	32-55	55-70	70-85	85+	
	X				

Construction Activities:	<p>Day Shift: 5:00AM to 1:00PM</p> <p>Dredging started this morning at app. 5:00AM on the barge "Sand Island". The Contractor is dredging this morning in Dredge Plan Area A, at sta. 7+30(upstream) at the slope area next to shore. Crew stopped dredging at app. 9:20AM for maintenance. Crew resumed dredging at app. 9:50AM. Crew completed filling the "Sand Island" at app.12:30PM. The "Swan Island" is still be offloaded at Terminal 25.</p> <p>Night Shift: 1:00PM to 9:00PM</p> <p>"Crystal Gayle" is standing down until the "Swan Island" is emptied and delivered to the work site. "Norton Bay" returned to the site with "Swan Island" at app. 2:35PM. Dredging resumed at app. 2:50PM. Dredging stopped at 5:45PM to reposition upstream anchors. Dredging resumed at 6:30PM. Dredging stopped at 7:00PM, and resumed again at 7:17PM. Dredging continued with only occasional short stops until 9:00PM.</p> <p>Craig Chartrand left the site at app.7:00PM.</p> <table><tr><td>Dredge- Crystal Gayle</td><td>1- Supervisor</td></tr><tr><td>Tug- Norton Bay</td><td>3- Dredge Crew</td></tr><tr><td>Tug-Loren M</td><td>2-Tug crew</td></tr><tr><td>Barges Sand Island/ Swan Island</td><td>2- Survey Crew</td></tr><tr><td>Survey Boat</td><td></td></tr><tr><td>Crew Skiff</td><td></td></tr></table>	Dredge- Crystal Gayle	1- Supervisor	Tug- Norton Bay	3- Dredge Crew	Tug-Loren M	2-Tug crew	Barges Sand Island/ Swan Island	2- Survey Crew	Survey Boat		Crew Skiff	
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Barges Sand Island/ Swan Island	2- Survey Crew												
Survey Boat													
Crew Skiff													
Miscellaneous:	KC/CM (Brunke, Nordlund) was notified by Craig Chartrand, McAmis, about their concerns regarding the results of the turbidity tests of the excessively "soupy" material they were excavating in their present Dredge location. The Dredge is currently working the area immediately offshore, and S. of the 144" City of Seattle SD in Area A.												
Safety/Accidents:													

Ukwenga Oleru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

Problems Encountered & Resolutions:	On Site Meeting with Wilder: (K. Nordlund present for KC) At app. 3:30PM Steve Perrin and Cato (sp?) from Wilder drove up to Craig Chartrand's Pickup, and hand delivered a rough schedule for upcoming barge unloading at Terminal 25, based on the ability of BNSF to provide trains to handle the spoils. Wilder has basically informed the Contractor that there will not be enough trains available to handle the current schedule for barges being sent to T-25 from this site. Ukwenga Oleru was contacted by K. Nordlund about the situation. Craig Chartrand has notified T. Johnston, JJM. Craig Chartrand copied the Wilder schedule, and added dates, etc. A copy of that rough schedule that Craig copied is attached to this report.	
Test Conducted:	KCEL on site at app. 8:51AM to take water turbidity test. KCEL on site at app. 4:00PM to test Ebb Tide turbidity.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Ukwenga Oleru, KC; Tom Johnston, JJM; Colin Wagoner, (NOAA Consult.); Marla Steinhoff, NOAA; Cato (?), Steve Perrin, Wilder (3:30PM)	
Equipment Used		

NEW SCHEDULE OF OFFLOADING BARGES
BY WILDER CONST. (DELIVERED 3:30 P.M. 15 JAN. 04)

UNLOAD -

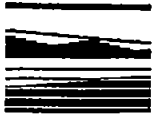
16 TH FRIDAY NIGHT	17 TH SAT	19 TH MON	20 TH TUE	21 ST WED
KING CO.	MANSON	MANSON	KING CO.	MANSON

22 ND THUR	23 RD FRI	24 TH SAT	26 TH MON	27 TH TUE
KING CO.	KING CO. MANSON	MANSON KING CO.		

PROJECTED
LAST BARGE
FOR
MILLER

CRAIG CHARTRAND

SUBMITTED TO KEITH (W) 3:45 P.M. 15 JAN 04



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	16	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
						X
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X				
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Day Shift: 5:00AM to 1:00PM</p> <p>Dredging started this morning at approximately 5:00AM. Dredging resumed on the "Sand Island" from yesterday. Area of dredging is in area A. At app. 8:00AM dredge crew started working their way downstream to just outside of Area A. "Crystal Gayle" pulled out of Area A to allow Miller to conduct a complete survey of that area. Crew stopped dredging at app. 9:30AM.</p> <p>Crew resumed dredging at 10:30AM at the (downstream) NW corner of Area A. Dredging continued with only occasional stops until Shift change.</p> <p>Night Shift: 1:00PM to 9:00PM</p> <p>"Crystal Gayle" continued loading occasional dredged material onto the "Sand Island" while they waited for the "Swan Island" to get unloaded at Terminal 25. "Crystal Gayle" changed anchor and Dredge location after 3:20PM. to the outside lane in Area A. Got word from Craig Chartrand (McAmis) at 6:00PM. that Wilder had informed him that they wouldn't even begin offloading the other barge until 7:00PM tonight.</p> <table><tr><td>Dredge- Crystal Gayle</td><td>1- Supervisor</td></tr><tr><td>Tug- Norton Bay</td><td>3- Dredge Crew</td></tr><tr><td>Tug-Loren M</td><td>2-Tug crew</td></tr><tr><td>Barges Sand Island/ Swan Island</td><td>2- Survey Crew</td></tr><tr><td>Survey Boat</td><td></td></tr><tr><td>Crew Boat</td><td></td></tr></table>	Dredge- Crystal Gayle	1- Supervisor	Tug- Norton Bay	3- Dredge Crew	Tug-Loren M	2-Tug crew	Barges Sand Island/ Swan Island	2- Survey Crew	Survey Boat		Crew Boat	
Dredge- Crystal Gayle	1- Supervisor												
Tug- Norton Bay	3- Dredge Crew												
Tug-Loren M	2-Tug crew												
Barges Sand Island/ Swan Island	2- Survey Crew												
Survey Boat													
Crew Boat													
Miscellaneous:	Miller surveyors on site at 7:50AM to map out dredged area to date in area A.												
Safety/Accidents:													
Problems Encountered & Resolutions:	One of two torque converters for the Norton Bay's engines is shattered, and McAmis is waiting on a replacement. The problem is severely limiting the Tug's ability to handle the barges. The												

UROLeru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke, Construction Inspector (Date)

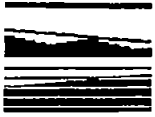


**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

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REPORT NUMBER:
CONTRACT NUMBER: #C33027C

	Tug is also in need of a new starter.	
Test Conducted:	KCEL cancelled turbidity testing today because of the nature of the dredging work.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site		
Equipment Used		



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

Date

Year **Month** **Day** **Inspector**
2004 1 17 rb/KN

Day of the Week

Sat **Sun** **Mon** **Tue** **Wed** **Thu** **Fri**
X

Weather

Clear **PC** **Overcast** **Fog** **Rain**

X

Temperature

10-32 **32-55** **55-70** **70-85** **85+**

X

Inspector's Daily Construction Report

REPORT NUMBER:

KING COUNTY CONTRACT NO.: C33027C

CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED

Construction Activities:	<p>Day Shift: 5:00AM to 1:00PM</p> <p>On site this morning at app. 5:00AM. The "Sand Island" was substantially completed during Day Shift yesterday, and is still moored alongside "Crystal Gayle" this morning. Dredging was started late this morning due to a major mechanical problem on Dredge. Crew had to replace/repair a deck winch torque conversion (over 3000lbs.) unit.</p> <p>Crew brought up the "Swan Island" at 7:20AM this morning and took the "Sand Island" down to T-25. The "Swan Island" was offloaded at T-25 last night.</p> <p>Repairs were completed and dredging started at 11:35AM in Area A next to channel at app. Dredge Plan station 6+00. Dredging stopped at 12:10PM for shift crew change.</p> <p>Night Shift: 1:00PM to 9:00PM</p> <p>Dredging continued moving from N. to S. toward the Area A "Buffer Zone", in the W. (channel) lane. Dredging continued with only occasional short stops until 7:20PM. Contractor resumed dredging at 8:00PM. Dredging continued until 9:00PM.</p> <p>Dredge- Crystal Gayle 1- Supervisor Tug- Norton Bay 3- Dredge Crew Tug- Loren M 2- Tug crew Barges Sand Island/ Swan Island 2- Survey Crew Survey Boat Crew Skiff</p>
Miscellaneous:	<p>The bulk of the dredging this shift consisted of completing contour work in areas where Miller surveyors found "high spots". The work is proceeding based on the last complete survey of Area A by Miller Surveyors yesterday (1/16/04). Miller surveyors were on site to track the work again today. Tom Johnston, Miller Proj. Mgr., has informed KC/CM that Miller is "fairly confident" that all contracted dredging at this site will be "complete" by this following Monday, January 19th.</p>
Safety/Accidents:	<p>The Contractor did not report any Safety problems to KC this day.</p>
Problems Encountered &	<p>Received word from Ukwenga Oleru, KC/Prep. that Rabanco/Wilder would not have a crew</p>

Ukwenga Oleru 1/21/04

Ukwenga Oleru Project Representative (Date)

Randall Brunke

Randall Brunke, Construction Inspector (Date)



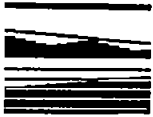
**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:

CONTRACT NUMBER: #C33027C

Resolutions:	available to offload any barges tomorrow (Sunday). Miller is working two shifts tomorrow.	
Test Conducted:	KCEL(Jean, Stephanie) on site after app. 2:00PM to take turbidity tests. Tom Johnston, JJM, delivered two new sample blends of proposed "Habitat Mix", for this KC Contract, to the site office this day for analysis.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Tom Johnston, JJM	
Equipment Used		



KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION

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CONTRACT TITLE: Duwamish / Diagonal Sed Rem Project

PRIME CONTRACTOR: Miller Contracting

TIME WORK STARTED:

TIME WORK STOPPED:

<u>Date</u>						
Year	Month	Day	Inspector			
2004	1	18	rb/KN			
<u>Day of the Week</u>						
Sat	Sun	Mon	Tue	Wed	Thu	Fri
	X					
<u>Weather</u>						
Clear	PC	Overcast	Fog	Rain		
		X		X		
<u>Temperature</u>						
10-32	32-55	55-70	70-85	85+		
	X					

Construction Activities:	<p>Day Shift 5:00AM to 1:00PM</p> <p>Dredging resumed this morning at 5:00AM in Area A. Crew is still filling the "Swan Island" that was started yesterday. Dredging stopped at 6:25AM to reposition "Crystal Gayle". Dredging resumed at 6:54AM at Dredge Plan sta. 6+90 (Area A). Dredging stopped at 7:18AM to check bottom dredge depth and reposition dredge. Dredging resumed at 7:30AM. new dredging location is in Area A in the outside (channel) lane. Contractor is working N. to S. picking up previously non-dredged areas.. Crew stopped dredging at 11:35AM. Dredge is in the SW quadrant of Area A (next to channel). Dredging resumed at 11:46AM. Dredging stopped at 12:02PM for maintenance and shift crew change.</p> <p>Night Shift 1:00PM to 9:00PM</p> <p>Contractor is still filling the "Swan Island". Contractor moved the location of the "Crystal Gayle" to Dredge Plan sta. 0+80 in the outside (channel) lane, and switched the "Swan Island" to the Larboard side of the Dredge. Dredging on Night Shift started at app. 2:25PM, with the work progressing to the S. (upstream).Dredging stopped at app. 2:45PM. Dredging resumed at 3:10PM, and continued with a series of starts, stops and Dredge moves until app.4:55PM, when the crew took a maintenance break. At app. 5:35PM, "Norton Bay" was dispatched to Terminal 25 to pick up the "Sand Island".</p> <p>Dredging resumed at 5:45 PM with occasional stops until the "Norton Bay" returned. Dredge began filling the "Sand Island" at 6:55PM. Dredging continued with only occasional stops to relocate, until 9:00PM.</p> <table><tr><td>Dredge- Crystal Gayle</td><td>1- Supervisor</td></tr><tr><td>Tug- Norton Bay</td><td>3- Dredge Crew</td></tr><tr><td>Tug-Loren M</td><td>2-Tug crew</td></tr><tr><td>Barges Sand Island/ Swan Island</td><td>2- Survey Crew</td></tr><tr><td>Survey Boat</td><td></td></tr><tr><td>Crew Skiff</td><td></td></tr></table>	Dredge- Crystal Gayle	1- Supervisor	Tug- Norton Bay	3- Dredge Crew	Tug-Loren M	2-Tug crew	Barges Sand Island/ Swan Island	2- Survey Crew	Survey Boat		Crew Skiff	
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Barges Sand Island/ Swan Island	2- Survey Crew												
Survey Boat													
Crew Skiff													
Miscellaneous:	Miller surveyors on site most of this day, mapping progress in the dredge area.												
Safety/Accidents:	No incidents were reported to KC by the Contractor.												

UROLeru 1/21/04
Ukwenga Oleru Project Representative (Date)

Randall Brunke
Randall Brunke Construction Inspector (Date)



**KING COUNTY
DEPT. OF NATURAL RESOURCES
WASTEWATER TREATMENT DIVISION**

Inspector's Daily Construction Report

REPORT NUMBER:
CONTRACT NUMBER: C33027C

Problems Encountered & Resolutions:		
Test Conducted:	KC lab on site this morning at 10:00AM to take water turbidity test. The test that was conducted this morning, Bottom reference (Field) was 1.4 and the 300 feet reading was 48.7. This was 38.3 over. The "Crystal Gayle" was changing location (100 feet +/-) and doing cleanup dredging during testing (not stationary). Testing was actually being performed near the area just recently vacated by the Dredge. This was forwarded by the Contractor as a possible reason for the high readings. Informed Tom Johnson (Miller) of the turbidity readings. Asked T. Johnson if the barge still had filter fabric on drain pipes and he said that they were in place. No change was observed from normal dredging operation (bucket movement/ overfilled bucket). KCEL on site after 3:24PM for turbidity testing.	
Work Rejected:		
Instructions Given to Contractor & Changes Initiated:		
Visitors to Site	Tom Johnson, JJM	
Equipment Used		